THE PHI DELTA KAPPAN

Vol. VI AUGUST 1923 No. 1

Scientific Method

"SCIENTIFIC method in Education involves the careful measurement of each child's ability to learn and the amount he has learned. It also involves adjustment of organization, subject-matter, and methods of instruction to the varying needs and abilities of pupils."

LEWIS M. TERMAN

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Investigations by Members of Phi Delta Kappa, pages 1-11, 12-32

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ABEL J. McALLISTER, Managing Editor
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VOL. VI AUGUST, 1923 No. 1

Investigations by Members of Phi Delta Kappa
During 1922-33

There have been numerous requests during the past two or three years for the publication of the names of investigations carried on by members of Phi Delta Kappa. Such a list serves three purposes: (1) It bears silent testimony to the interest of members of Phi Delta Kappa in the scientific study of Educational problems; (2) It shows the extent to which field members as well as active members are making careful, deliberate studies of their problems; (3) It familiarizes investigators in all parts of the country with people who are interested in similar problems. The executive committee presents with considerable pride the extensive list of investigations which follow.

A word of explanation is necessary inasmuch as some chapters are not represented. Late in March, a letter was sent to the President of each local chapter and each alumnus chapter, describing the plans of the Editorial Committee to publish a list of investigations carried on by the members of each chapter in the July number of THE PHI DELTA KAPPAN *and requesting that steps be taken at once to provide the necessary information. Two subsequent letters were sent to the Presidents of chapters from which no reply had been received. Finally, a fourth letter was sent to the Faculty Sponsor of each chapter which had not replied. We regret exceedingly that we do not have reports from all chapters. We feel, however, that we have done everything that could reasonably be done to secure reports from all chapters. Two or three chapters have reported that material is in preparation and will be forwarded soon. We shall publish in the October number of* THE PHI DELTA KAPPAN *any lists which are received during the next two months.*

Although uniform directions were sent to each chapter relative to the form in which the investigations should be reported, there is considerable variation in the form and content of the reports of some chapters. After considering the matter carefully, it was decided to publish the content of the various reports as submitted. We have taken the liberty, for the sake of uniformity, to modify the form of several reports. In doing so, we trust that no errors have been made.

WILLIAM S. GRAY,
National President

Beta Chapter

Teachers College, Columbia University
New York, New York

Agnew, Walter D. "Administration of Professional Schools for Teachers," completed, but not published.

Allen, William S. "A Study in Latin Prognosis," completed.

Avent, Joseph. "The Summer Session in State Teachers College as a Factor in the Professional Education of Teachers," incomplete.

Bishop, Eugene A. "Influence of Opinion Regarding Human Intelligence Upon Educational and Social Theory and Practice," incomplete.

Brace, D. K. "A Scale of Motor Ability Tests," incomplete.

Carroll, R. P. "Study in Comprehension of Reading with Special Reference to Comprehension of Directions," incomplete.

Clark, Harold. "Cost of Government and the Support of Education," completed, but not published.

Collings, Pryor E. "A Project Curriculum for Rural Schools," complete, but not off press.

Cooper, Homer. "Cost of Training Teachers: A Method to Determine Cost," complete, but not published.

Cox, Philip W. L. "The Readjustment of the Secondary School Curriculum," incomplete.

DeLong, L. R. "Federal Agencies in Education Operating Through the Public Schools," incomplete.

Gamble, Guy C. "Trend of School Building Costs and School Construction Accounting," completed, but not off press.

Gamoran, Emanuel. "The Curriculum of the Jewish School," completed, but not published.

Howard, George. "Problems in Text Book Administration," completed, but not published.

Hunt, Charles. "The Cost and Support of Secondary Schools in New York," completed, but not published.

Leonard, Robert J. "The Co-ordination of State Institutions for Higher Learning Through Supplementary Boards," completed.

Malan, W. DeVos. "Tendencies in Secondary Education with Special Reference to the Situation in Cape Province of South Africa," complete, but not published.

Malherbe, E. G. "Critical Survey of the Administration of Education in the Union of South Africa," incomplete.

McGaughy, J. Ralph. "The Fiscal Administration of City School Systems," completed.

McKown, Harry. "Trend of College Entrance Requirements, 1913-'22," completed, but not published.

Melchoir, Wm. T. "Insuring Public School Property," completed, but not published.

Myers, Charles E. "Agriculture in Secondary Schools as Indicated by the Occupational Distribution of Former Students," completed, Bulletin Dep't of Agriculture.

Nicholas, Claude A. "Moral Education Among North American Indians," incomplete.

Olcott, Mason. "Village Schools in India and Their Teachers," completed, but not published.

Orleans, J. S. "A Study of Illustration as a Method of Learning," incomplete.

Packer, P. C. "Housing of High School Programs," completed, but not published.

Proctor, A. M. "Determining the High School Teaching Staff," incomplete.

Raup, Robert. "A Study of Some Phases of the Subject of Interest," incomplete.

Ross, Clay C. "Diagnostic Value of Individual Report Cards," incomplete.

Rugg, Earl U. "Social Study of Curriculum," incomplete.

Schwegler, Raymond A. "A Study of the Psychopathic Child," incomplete.

Somers, Grover T. "Pedagogical Prognosis: Predicting the Success of Prospective Teachers," completed, but not published.

Taylor, William S. "Professional Education of Teachers in Pennsylvania," completed, but not published.

Thurber, Clarence H. "A Study of Fiscal Support of Colleges and Universities."

Clem, O. M. "Prognosis in Latin," completed, but not published.

Gamma Chapter

University of Missouri
Columbia, Missouri

Adams, E. R. "Trained Teacher Supply and Demand in Missouri," under investigation, Master's thesis.

Aydelotte, J. H. "A Course in Social Studies for Secondary Schools," completed, Master's thesis.

Boucher, W. R. "Analysis of City School Surveys," completed, Master's thesis.

Bratton, S. T. "The Geography of St. Francois Basin of Missouri and Arkansas," under investigation, Doctor's thesis.

Bruner, Fred. "Index Number for County School Systems in Missouri," completed, Master's thesis.

Chiles, I. N. "The Certification of Teachers in Missouri," completed, Master's thesis.

Coursault, Dean J. H. "The Junior College Movement in Missouri," Association of Junior Colleges, Cleveland Meeting.

Deifendorf, J. W. "Age-grade and Grade-progress in Missouri," under investigation, Master's thesis.

Herriott, M. E. "Selection of Curricula Material in High School Physics," under investigation, Master's thesis.

Kenagy, H. G. "The Value of Selective Tests in Choosing Salesmen," completed for a prominent soap manufacturer.

Leach, J. A. "Public Opinion in Missouri and the Inflation Movement from 1875 to 1879," under investigation, Master's thesis.

Oppenheimer, J. J. "The Visiting Teacher," under investigation, Doctor's thesis.

Rich, E. H. "The Functions of the Principal in the Small High School," completed, Master's thesis.

Sanguinet, E. H. "Measurement of Achievement in the University Elementary School," under investigation, Master's thesis.

Saupe, W. J. "Financial Accounting Practice in American City Schools," under investigation, Doctor's thesis.

Schott, E. L. "The Developemnt of Learning Capacity in School Children," completed, Master's thesis.

Thompson, F. A. "Studies in Child Accounting," under investigation, Master's thesis.

Watkins, R. K. "The Technique and Value of Project Teaching in General Science," completed, Doctor's thesis.

Delta Chapter

Stanford University
Stanford, California

Acre, H. Q. "Study of Financial and Time Loss Due to Building Space and Equipment Standing Idle," completed, Master's thesis, School of Education Library, Stanford University.

Allison, H. T. "Attainable Goals in Moral Education," completed, Master's thesis, School of Education Library, Stanford University.

Almack, J. C. "Influence of Intelligence on Choice of Associates," School and Society, June, 1923.

"Adaptation of School Building to Efficiency Program in Education," completed, Doctor's thesis, School of Education Library, Stanford University.

"Size of Class and School Efficiency," completed, Journal of Western Education Association, February, 1923.

"The California School Classification Test," completed, Teachers College Bureau of Research, San Jose, California.

"History of Oregon," completed, for state textbook, publisher not decided.

"Civic Education," completed, publisher undecided.

Burdick, W. L. "Some Ammono Carbonic Acids and Their Reactions in Liquid Ammonia," completed, Doctor's thesis, Stanford University Library.

Bursch, J. F. "Some Problems in the Administration of the Modern Consolidated School," completed, Masters' thesis, School of Education Library, Stanford University.

Cady, V. M. "The Psychology and Pathology of Personality," completed, Journal of Delinquency, 7, No. 5, September, 1922.

"The Estimate of Incorrigibility," completed, Monograph No. 2, Journal of Delinquency.

Coover, J. E. "The Kinaesthetic Method of Learning Typing," completed, The Balance Sheet, November, 1922, p. 8——.

Cubberley, E. P. "Principal and His School," completed, Houghton Mifflin Company, New York, 1923.

"The Principal and the Principalship," Elementary School Journal, 23:342, January, 1923.

"The College of Education and the Superintendent of Schools," School and Society, May, 1923.

Davidson, P. E. "The Social Significance of the Army Intelligence Findings," Scientific Monthly, 16:184-193, February, 1923.

Detling, L. E. "A Study of Some Descriptions of Brittany in Modern French Literature," completed, Masters thesis, School of Education Library, Stanford University.

DeVoss, J. C., and Almack, J. C. "The California School Classification Test," completed, published by Teachers College Bureau of Research, San Jose, California.

Emerson, W. L. "Public School Budgets and Budget Making," completed, Master's thesis, School of Education Library, Stanford University.

Fearing, F. S. "Some Extra Intellectual Factors in Delinquency," completed, Journal of Delinquency, June, 1923.

"An Experimental Study of Certain Psychological Factors in the Variability of the Knee Jerk, with Special Reference to Attention," under investigation, Master's thesis.

Hevey, E. "School Indebtedness," under investigation, Master's thesis.

Hill, A. P. "Planning School Buildings for Curriculum Efficiency," under investigation, Master's thesis.

Hodges, E. B. "Equalization of School Opportunity and of School Tax Burden," completed, Master's thesis, School of Education Library, Stanford University.

Kelley, T. L. "Statistical Method," Macmillan, 1923, New York.

"Stanford Achievement Tests," World Book Company, 1923.

Kibby, I. W. "Accounting for California High Schools," completed Master's thesis, School of Education Library, Stanford University.

Lang, A. R. "Classroom Teachers Organization," for 1923 N. E. A.

"Our Government Schools in the Canal Zone," completed, Education Review, May, 1923.

Livesay, T. M. "The Purpose and Measurement of Training for Citizenship," under investigation, Doctor's thesis, Stanford University.

MacQuarrie, T. W. "Chapters on the Earth Occupations, and the Principal Trades, for a Text Book on Vacations," completed, Master's thesis, School of Education Library, Stanford University.

McDonald, T. E. "An Outline of a Course in Civic Education for the High School," under investigation, Master's thesis, Stanford University.

McRuer, J. T. "School Reports," completed, Master's thesis, School of Education Library, Stanford University.

Overturs, J. R. "Practical Plan of Inter-State Verification," completed, Master's thesis, School of Education Library, Stanford University.

Payne, I. D. "Curricula of State Teachers Colleges," completed, Master's thesis, School of Education Library, Stanford University.

Pierce, L. F. "A Study of a Longitudinal Field Paulsen Arc Converter," completed, Doctor's thesis, Stanford University Library.

Proctor, W. M. "Intelligence Tests as a Means of Admitting Special Students to University," School and Society, October, 1923.

"Relation Between Intelligence and Persistence of Educational and Vocational Ambitions of High School Pupils," Journal of Educational Research, April, 1923.

"The Junior College: A Survey of the Situation in California," School Review, June, 1923.

"The Use of Intelligence Tests in Vocational Guidance," Bureau of National Guidance Association, April 1923.

"Address on Vocational Guidance in High School," Proceedings of the Pacific Coast Research and Guidance Association, 1922.

Rakestraw, N. W. "Method for Determination of Phenol of Blood," Journal of Biological Chemistry, June, 1923.

"Chemical Factors in Fatigue," Journal of Biological Chemistry, June, 1923.

Raubenheimer, A. S. "An Experimental Study of Some Determining Factors in the Potential Delinquent," Doctor's thesis, Department of Psychology Library, Stanford University.

Salisbury, F. S. "Determinism in California Public School Administration," under investigation, Doctor's thesis, Stanford University.

Sears, J. B. "Public School Finance in California," under investigation.

"The School Survey," under investigation.

"Our Theory of Free Higher Education," Educational Review, January, 1923.

Swetman, R. W. "Continuous School Equalization," under investigation, Doctor's thesis, Stanford University.

Taylor, H. R. "Factors Involved in Teaching Success," completed, Master's the-

sis, School of Education Library, Stanford University.

Terman, L. M. "A New Appeal to the Study of Genius," Psychological Review, 1922, Vol. 29:310-18.

"The Stanford Achievement Tests," World Book Company, 1923.

"The Great Conspiracy," The New Republic, December 27, 1923.

Wells, E. A. "National Versus Local Tendencies as Indicated in Laws of the Various States," under investigation, Master's thesis, Stanford University.

White, C. W. "The Place and Function of a Dean of Men in a College or University," completed, Master's thesis, School of Education Library, Stanford University.

Willoughby, R. R. "Some Characteristics of a Group of Gifted California High School children," completed, Master's thesis, School of Education Library, Stanford University.

Wilson, I. C. "Comparison of the Centralization of the School Systems of the State of Washington and the Province of Saskatchawan," completed, Master's thesis, School of Education Library, Stanford University.

Epsilon Chapter

University of Iowa
Iowa City, Iowa

Alderman, G. H. "The Result of Certain Exercises on Comprehension in Silent Reading," completed, Bureau of Co-operative Research Study, proceedings of Educational Measurements Conference, 1922.

"Time Allotment for All Subjects in Elementary Schools," Bureau of Co-operative Research Study, unpublished.

"What Civic Knowledge Is Needed for Understanding of Newspapers," completed.

Anderson, D. A. "Distribution of Grades in Pennsylvania State College," under investigation.

Archer, C. P. "Status of Bulletening Supervision from State Departments of United States," completed, Master's thesis, State University of Iowa Library.

"School Government as an Educative Agency," completed, School Review, May, 1923.

"Training for Leisure Time Activity," under investigation.

"The Primary Teacher Before 1800," completed, Phi Delta Kappa Bulletin, Epsilon Chapter.

"The Elementary School Teacher of the Eighteenth Century," completed.

Ashbaugh, E. J. "Use of Achievement Tests in High School," under investigation.

"Achievement Test Results with County Normal Students," under investigation.

"Reading Material of Junior-Senior High School Students," under investigation.

"Kirby Grammar Test Results in Four State Normals," completed.

"English Usage of Junior High School Students in Letters Written out of School," completed.

Athearn, Walter S. "Age of Joining Church," completed, Boston University School of Religious Education, Boston, Massachusetts.

"The Indiana Survey," completed, Committee on Social and Religious Surveys, 370 Seventh Avenue, New York City.

"Index Number for Church Schools," under investigation, Committee on Social and Religious Surveys, New York City.

Ballenger, H. L. "Comparative Study of the Vocabulary Content of Fourteen Standard Reading Tests," completed, Master's thesis, Elementary School Journal, March, 1923.

Bane, Charles L. "Organization of Material for Teaching History in Secondary Schools," completed, Master's thesis, Peabody College.

"Lecture Versus Class Discussion in College Teaching," under investigation, Doctor's thesis, State University of Iowa.

Beck, E. W. "A Study of the Variation of Ability of Children of Different Scores on Intelligence Tests to Respond to Certain Practice Exercises in Silent Reading and Arithmetic," completed, Master's thesis, State University of Iowa Library.

"The Results of One Semester with Backward Children under Special Room Treatment," completed, unpublished.

"A Study of Twenty-two Pupils Who Failed of Promotion," completed, Epsilon Chapter Bulletin, December, 1922.

Bishop, Omen. "Effect of Learning Similar Material Upon Intelligence Test Scores," completed, Master's thesis, Library of State University of Iowa.

"Psychology Placement Test," under investigation, Doctor's thesis.

Brenneman, J. H. "Survey of Actual Work Done in Ottumwa High School since September, 1916," completed, not published.

"Growth and Holding Power of High School," completed, Report to Board of Education, not available.

Burton, A. J. "Value of Holden Book Covers Compared with Common Paper Covers," under investigation, mimeographed copies at East High.

Byrne, Lee. "An Examination of the School Building and Finance Situation in Wapello, Iowa," completed.

"A Survey of the Schools of Belmond, Iowa," under investigation.

"An Examination of the School Building Finance Situation in Sibley, Iowa," under investigation.

"A Study of the Results of Latin Instruction in the High Schools of Iowa," under investigation.

"A Survey of Social Science Instruction and Civic Education in the High Schools of Iowa," under investigation.

Camp, H. L. "Scales for Measuring Results of Physics Teaching," completed, Doctor's thesis, State University of Iowa Library.

"Illinois High School Libraries," completed, published in High School Visitor, University of Illinois, 1922.

Carson, C. C. "Comparative Study of School Expenditures in Certain Iowa and Indiana Cities," completed, Master's thesis, State University of Iowa Library.

"Types of State Boards of Education in the Different States," under investigation.

Cocking, Walter D. "The Attitude of the Public to the Teaching of Citizenship," completed, Master's thesis, State University of Iowa Library.

"High School Permanent Record Cards," completed, School Board Journal, July, 1923.

"Points of Emphasis in United States History," completed, class research, unpublished.

"A Suggested Grading System," completed.

Cram, Fred D. "Silent Reading in Rural Schools," under investigation.

"Content of Eighth Grade Pupils' Minds in Respect to Names of People in American History," under investigation.

"Re-Survey of Bath Township, Cerro Gordo County," under investigation.

"General Intelligence in Orange and Hudson Consolidated Schools," under investigation.

Davis, H. H. "Accomplishment Quotient of Iowa State University High School Children," completed, Master's thesis, State University of Iowa Library.

Delaney, William F. "Distribution of Instruction Costs for School Year, 1920-1921, Among the Subjects and Grades in Normal Training High Schools of Iowa," under investigation, Master's thesis, State University of Iowa Library.

DelManzo, Milton C. "The Status of Bonded Indebtedness of Iowa School District, 1922," completed, Master's thesis, State University of Iowa Library.

"A Study in School Bonds," under investigation, Doctor's thesis.

Delzell, E. B. "Essential Principles in Judging Teachers' Efficiency," under investigation.

Fauber, O. W. "Correlation Between Subject Grades (Teachers Grades) and I. Q.'s and Scores," completed, not published.

Franzen, Carl G. F. "Scientific Pupil Classification," under investigation.

"Vocational History of Three Hundred Iowans," under investigation.

"Analysis of Classics Studied in English Literature," under investigation.

Fuller, A. C., Jr. "Curriculum for Consolidated Schools," completed, report to Annual State Conference of Consolidated Schools, Extension Division Iowa State Teachers College.

Germane, C. E. "Remedial Work in Reading," under investigation.

"Relation Between Intelligence Scores and Class Marks of Three Hundred Liberal Arts Freshmen," under investigation.

"Relation Between True-False Test and Essay Form of Test," under investigation.

"The Use of Intelligence Tests in College," under investigation.

"The Effect of Certain Specific Exercises on Reading Comprehension Ability," under investigation.

Gold, Hugo H. "Survey of Rural Schools of Decatur County, Iowa," completed, not yet published.

Gotke, Gerhardt W. "University Summer Session as a Factor in Equalizing Educational Opportunity," completed, Master's thesis, State University of Iowa Educational Library.

Graham, Leo J. "The Classroom Vocabulary of Georgraphy," completed, Master's thesis, State University of Iowa Educational Library.

Greene, Harry A. "State Wide Survey of Silent Reading in Iowa," completed, Extension Division Bulletin.

"Re-Survey of Arithmetical Abilities of Iowa School Children," under investigation.

"A Survey of Instruction in the Schools of Osceola," completed, Extension Bulletin.

"Improvement of Ability to Solve Verbal Arithmetic Problems," under investigation.

"Validation and Standardization of Series of Reasoning Tests," under investigation.

Hilliard, George H. "Probable Types of Difficulties Underlying Low Scores in Comprehension Tests in Silent Reading," completed, Doctor's thesis.

"The Effect of Eliminating Repeated Ideas, Words Used for Emphasis and for Introductory Purposes on Rate and Comprehension in Silent Reading," completed.

"The Relation of Intelligence to Silent Reading Ability," completed.

"The Effect of Vocabulary on Comprehension," under investigation.

Hines, Harlan C. "Guide to Educational Measurements" (Riverside Texts in Education), completed, published by Houghton Mifflin and Company.

"Measuring Intelligence" (Riverside Monographs in Education), completed, published by Houghton Mifflin and Company.

"Public School Publicity" (in collaboration with Brother R. G. Jones), completed, published by The Macmillan Company.

Holy, T. C. "Certain Factors Affecting the Cost of Operation and Relative Efficiency of Consolidated Schools in Iowa," completed, Master's thesis, State University of Iowa Library.

Homan, T. B. "Department Store Placing Tests," completed, Extension Department, Iowa State Teachers College.

"Logical Memory Test," completed, Master's thesis, Extension Department, Iowa State Teachers College.

"Imagination Test," completed, Doctor's thesis, unpublished.

Huffaker, C. L. "Status of Agriculture in Iowa Consolidated High Schools," completed, Master's thesis, Phi Delta Kappa Bulletin (Epsilon Chapter), February, 1923.

"A Contribution to the Technique of Partial Correlation," completed, Doctor's thesis, Journal of Applied Psychology, June, 1923.

"Psychological Analysis of Learning in Arithmetic," under investigation, Doctor's thesis, State University of Iowa Library.

"Intercorrelations of School Subjects," under investigation, in collaboration with G. M. Ruch.

James, Haddon W. "Relative Effectiveness of Six Types of Lesson Presentation: Film, Film-Lecture, Film-Music, Still Picture, Lecture and Reading, with Particular Emphasis Upon Efficiency of Different Types of Material for Film Presentation," completed, Doctor's thesis and part of investigation of the committee investigation of visual instruction under the Commonwealth Fund, State University of Iowa Library and printed in report of committee under Commonwealth Fund.

"Status of Motion Pictures and Stereopticon Projectors in Iowa," completed.

Johnson, S. W. "Is the Scholarship of a High School Student Influenced by His Choice of a Vocation?" under investigation, Master's thesis.

Kirby, T. J. "Grammar Test, Form II," completed, Extension Division, University of Iowa.

"Latin as Preparation for French," completed, School and Society, early number.

"Ullman-Kirby Latin Comprehension Test, Form II," completed, Extension Division, University of Iowa.

"Iowa High Schools: Size, Fields of Study, Teaching-Constructions, Programs of Study, Text Books," under investigation.

Kruse, Paul J. "The State System of Examinations," completed. part of Survey of Rural Schools of New York State, published as Part V of Volume II of the eight volumes on the report of the survey.

"The Relation Between Speed and Accuracy in Certain Mental Traits."

Lemon, A. C. "Recruiting College and University Faculties," completed, Master's

thesis, State University of Iowa Education Library.

"Correlation of Scores in Otis Test, Monroe Silent Reading and Semester Grades of Fifty-two Students," completed.

Lessenger, W. E. "A Study of Various Prognostic Criteria Relative to First Year High School Mathematics," completed, Master's thesis, State University of Iowa Library.

"A Study in Sectioning of Classes in Various Manners," under investigation.

McIntire, Ira H. "Causes of High School Failures," under investigation, Master's thesis.

Madsen, I. N. "The Measurement of Achievement in Terms of Intelligence," completed, Doctor's thesis, State University of Iowa Library.

"Intelligence as a Factor in School Progress," completed, School and Society, March 11, 1922.

"Contribution of Intelligence Tests to Educational Guidance," completed, The School Review, November, 1922.

"Intelligence and Accomplishment," completed, Educational Administration and Supervision, January, 1923.

"The Correlation Between Intelligence and Accomplishment Quotients," completed, School and Society, December 16, 1922.

Meyer, Ivan I. "The Status of Elementary Science in the Elementary School," completed, Master's thesis, State University of Iowa Library.

"State Boards and Their Educational Functions," completed, School Administration.

"Grade and Grading," under investigation.

"The Influence of Pestalozzi in American Education," completed.

"Vocational Training in America since 1800," under investigation.

Meyer, J. W. "Handwriting in the Elementary School," under investigation.

Miles, Walter R. "Static Equilibrium as a Useful Test of Motor Control," completed, Journal Industrial Hygiene, 1922, Volume III, p. 316-331.

"Psychologic Tests Applied to Diabetic Patients," completed, Archives of Internal Medicine, 1922, No. 30, p. 767-777.

"Physical Measurements of Diabetic Patients," completed, Journal Metabolic Research, 1922, No. 2, p. 173-197.

"Note on Electric Counters," completed, Journal of Experimental Psychology, 1922, No. 5, p. 76-77.

"Comparative Concentration of Alcohol in Human Blood and Urine at Intervals After Digestion," completed, Journal of Pharmacy and Experimental Therapeutics, 1922, No. 20, p. 265-319.

Nevelyn, Charles M. "Survey of Instruction Conducted by Dr. Greene," completed, Extension Division, State University of Iowa.

Orr, B. K. "Status of the City Superintendent in Iowa," completed, Master's thesis, State University of Iowa Education Library.

Noyer, Ralph. "The Relation of State Teachers Colleges to the Personnel of Nebraska High School Teaching Staffs," under investigation.

Packer, Paul C. "Housing High School Programs," completed, Doctor's thesis.

Peterson, H. J. "A Test for Ability in Plane Geometry," under investigation, Doctor's thesis.

Phillips, D. P. "The Cost Per Acre of Iowa's Consolidated Schools," completed, Master's thesis, State University of Iowa Library.

Phillips, Frank M. "Short Process for Correlations," completed, Monthly Weather Review, March, 1922.

"The Effect of Heat and Humidity Upon Certain Physiological Measurements," under investigation, will appear in Public Health Reports.

"Isokatapsychic and Isoeumaric Conditions," under investigation, will appear in Monthly Weather Review.

"A Monograph on Correlation," under investigation.

"Standards of Physical Defects, Impairments, Diseases," under investigation.

Powers, R. R. "Diagnostic Study of Subject Matter of High School Chemistry and Construction of Scales for the Measurement of Achievement in Chemistry," completed, Doctor's thesis.

"A Comparison of the Achievement of High School and University Students in Chemistry," completed, Journal of Educational Research, November, 1922.

"Intelligence as a Factor in the Election of High School Subjects," completed, School Review, June, 1922.

"Scales for Measuring Achievement in Chemistry," completed, World Book Company, Yonkers, New York.

Prentice, E. N. "Preliminary Investigation of Certain Measures of Silent Reading Comprehension," under investigation, Master's thesis, State University of Iowa Library.

Remmers, Herman H. "Teaching of Educational Psychology in the United States," completed, Master's thesis, Journal of Educational Psychology, October, 1922, (joint author with F. B. Knight).

"Experimental Study of Effect of Organization of Material for Memorizing Upon Its Retention," completed, Journal of Experimental Psychology, January, 1923, (joint author with D. A. Laird and L. Peterson).

"Experimental Study of Relative Difficulty of True-False, Multiple Choice and Incomplete Sentence Examinations," under investigation.

"Survey of San Luis School, Colorado Springs, Colorado," under investigation.

"Correlations of Traits on Graphic Rating Scale with Those Measured on Downey Will-Temperament Test," under investigation.

Ringstrom, W. H. "Some Financial Facts Concerning Iowa Schools, 1922-1923, in Iowa Towns of 3,000-4,000 Population," completed.

Ritter, E. L. "Hard Spots in Spelling," completed.

"Course of Study in Junior High Schools," completed.

"Effect of Junior High School on Senior High School Attitude," under investigation.

Robbins, C. L. "Teachers' Contracts," under investigation.

"The Small Town Newspaper as an Educational Agency," under investigation.

"Growth of Iowa High Schools," under investigation.

"Educational Influence of the Home," completed, State University Iowa Service Bulletin, November 11, 1922.

Rogers, Don C. "Trend of Iowa Teachers' Salaries," completed, Extension Division Bulletin, University of Iowa.

"Legal Status of the City Superintendent of Schools," completed, Educational Administration and Supervision, February, Warwick and York Company, Baltimore, Maryland.

"Powers and Duties of the Iowa Superintendent of Schools," completed, Midland Schools (February issue), Des Moines.

"Certain Factors Contributing to Improvement in Silent Reading Comprehension," under investigation, Doctor's thesis.

Ruch, G. M. "Power Versus Speed in Army Alpha," completed, Journal of Educational Psychology, April, 1923.

"Validity and Reliability of the Downey Will Profile Test," completed, Journal of Applied Psychology, June, 1923.

"A New Test of General Science," completed, General Science Quarterly, April, 1923.

"Validity of College Students Self-Estimates of Academic Success," completed, to appear soon in School and Society.

"Tests and Measurements in High School Science," completed, to appear soon in School Science and Mathematics.

"The Ruch-Popenoe General Science Test," completed, will appear in School Science and Mathematics.

"Correlations of Educational Abilities," under investigation.

"Standardized Content in High School Biology," completed.

"Notes on the Achievement Quotients Yielded by the Illinois Examination, Lippincott-Chapman, and Stanford Achievement Tests," completed.

"Correlations of Initial and Final Capacities in Learning," completed.

"The 'Speed' Factor in Mental and Educational Tests," completed.

Russell, R. D. "Relative Effectiveness of Presenting Verbal Material Visually and Orally," under investigation, Doctors' thesis.

Russell, William F. "Costs of Education in China," completed.

"Teacher Training in China," completed.

"Iowa School Finance," under investigation.

Setzaphandt, A. R. "The Amount of Facilitation of Learning in a Narrow Mental Function," completed, Master's thesis, State University of Iowa Education Library.

"A Comparison of Texts in Social Problems and Community Civics," completed.

Slater, C. P. "Arithmetic Text Analysis," completed.

"Ethics for Teachers," under investigation.

"Business Administration of West Lib-

erty Schools, under investigation, Master's thesis.

"Continuing Census for School System," under investigation.

Smith, Harry P. "Financial Aspects of School Buildings Surveys of Great Bend, Ottawa and Junction City, Kansas," completed, Bureau of School Service, Kansas University.

"Statutory Control of School Building Construction," under investigation.

"Study of Achievements of Lawrence Educatory School Children in the Light of Their Abilities as Shown by Certain Mental Tests," under investigation.

"The Effect of Kindergarten Training on Subsequent First and Second Grade Achievements," under investigation.

Smith, Leon O. "Report of Director of Research, Omaha, 1917-1922," completed.

Steeves, S. E. "A Study of Method in Teaching Spelling," completed Master's thesis.

Struble, J. R. "Bonded Indebtedness of Southern Minnesota Cities and Other Financial Facts," completed.

Stutzman, G. C. "Relation of Visual Imagery in General Reading to Spelling," completed, Master's thesis.

Tallman, Russell W. "The Effect of Proximity of Home and School Upon High School Attendance in Iowa," completed, Master's thesis.

"Relation Between Intelligence Levels and Time Required for Preparation of Certain High School Subjects," completed.

"Salaries of Iowa School Secretaries," completed, obtain from Midland Schools.

Tormey, Thomas J. "Effectual Use of Flashcards in Beginning Reading," under investigation.

"American History Tests," under investigation, Master's thesis.

Trowbridge, Carl H. "History and Probable Future of the Secondary Schools," under investigation, Doctor's thesis.

"Home Life of Today in South Appalachians," completed.

"Changes Needed in Missionary Work in Southern Mountains Due to Changing Order," completed, Doctor's thesis.

"Vocational Guidance in Junior High School," completed, March number of High School Journal, Chapel Hill, North Carolina.

"Three Types of Junior High Schools," completed, February, March and April numbers of High School Journal, Chapel Hill, North Carolina.

Vasey, Frank. "Number of Feeble Minded in Iowa," completed.

"How Accurately Do Teachers Judge Children," completed.

"Spread in Grade Abilities for Sectioning Classes," completed.

White, Wendell. "The Relation of Reading Ability to Scores Made in Intelligence Tests," completed, Master's thesis, School Administration and Supervision, March, 1923.

Wilkerson, LeRoy. "Reassessment of the Real Property as a Solution of the Financial Problem of the Public Schools of Lima, Ohio, or The Relation of Assessed to Sales Value of Real Property of Lima, Ohio," completed, Master's thesis, State University of Iowa Library.

"Financial Survey of the Public School Costs in Iowa," under investigation, will be published as a part of the New York Report also in an Iowa bulletin by the Extension Division.

Willett, George W. "School Indebtedness in the State of Illinois," completed, Doctor's thesis, will probably be published by Financial Inquiry Commission.

Wilson, C. S. "Elliott-Fisher Sales Training Course," completed, Elliott-Fisher Company, 342 Madison Avenue, New York City.

Winstrom, J. Harry. "Helping the Inexperienced Teacher," completed, Master's thesis.

"Course of Study Grades Four to Eight," under investigation.

Wolcott, Harry A. "Study of the Illumination of a High School Building," completed, Master's thesis, University of Minnesota.

Workman, C. M. "Recitation Versus Study in the Learning of Factual and Logical Material," completed, Master's thesis, State University of Iowa Library.

"Voluntary Reading of High School Students," completed.

Yakam, G. A. "An Evaluation of After-

Testing Work and Bibliography," completed, Second Yearbook, National Society of Elementary School Principals.

"Reading Tastes of High School Pupils," under investigation.

"Reading Tastes of Third and Fourth Grade Pupils," under investigation.

"Silent Reading and Study," under investigation.

"Effect of a Single Reading," completed, Doctor's thesis, State University of Iowa Library.

Zeta Chapter

University of Chicago

Investigations Submitted in Fulfilling Requirements for Higher Degrees

Anderson, Logan M. "A Statistical Comparison of the Scholarship Records of Members of the Women's Clubs and of Non-Club Women," Master's thesis, June, 1923.

Beauchamp, Wilbur Lee. "A Preliminary Experimental Study of Technique in the Mastery of Subject Matter in Elementary Physical Science," Master's thesis, March, 1923.

Bond, George W. "A Survey of the Schools at Bauxite, Arkansas," Master's thesis, June, 1923.

Bowman, Warren Daniel. "History of Educational Legislation in Virginia from 1860 to 1900," Master's thesis, September, 1922.

Bracken, John Lewis. "The Use of Tests in Grading and Classifying Pupils in the Elementary School," Master's thesis, September, 1922.

Bullock, Forrest Minor. "The Evolution of the Legal Provision for Teachers' Certificates in Wisconsin," Master's thesis, March, 1923.

Combs, Morgan LaFayette. "A Survey of the Schools of Buchanan County,. Virginia," Master's thesis, September, 1922.

Cook, Robert Roy. "A Study of the Results of Homogenous Grouping of Abilities in High School Classes in Various Subjects," Master's thesis, September, 1922.

Greer, Merrill Earl. "Rights and Duties of the School Principal," Master's thesis, September, 1922.

Hannon, Daniel. "A School Survey of District 89, Cook County, Illinois," Master's thesis, September, 1922.

Haun, Harry Lee. "Some Aspects of the Present Status, Defects and Progressive Tendencies of State History Teaching in the Elementary Grades," Master's thesis, December, 1922.

Herr, Ross. "The History of School Supervision in Ohio," Master's thesis, September, 1922.

Hinton, Eugene Mark. "An Investigation of the High School Principalship as a Profession," Master's thesis, September, 1922.

Lamport, Harold Boyne. "A Study of School Building Needs in a Section of Chicago," Master's thesis, March, 1923.

Lawson, Chester Eugene. "A Study of School Salaries in Kansas Since 1910," June, 1923.

Leech, Bert S. "The History of Botany as a Subject in the Curriculum of Secondary Schools," Master's thesis, June, 1923.

McElhannon, Joseph Cooper. "Laws Relating to School Bonds and to School District Indebtedness in the United States," Master's thesis, September, 1922.

Nixon, Ola Floyd. "Student Publications in the High Schools of the Accredited List of the North Central Association," Master's thesis, September, 1922.

Parsons, Rhey Boyd. "A Study of Adult Reading," Master's thesis, March, 1923.

Perrin, Harry Ambrose. "An Experimental Test on the Mental Development of Pupils Qualifying Physically for Open-Air Schooling," Master's thesis, September, 1922.

Vaughn, James. "The Comparative Value of Certain Measures for Predicting Grades in College Physics," Master's thesis, September, 1922.

Wagner, Charles Albertis. "Analytical Study of Children's Difficulties in Long Division," Master's thesis, December, 1922.

Zook, Dott Earl. "Language, Grammar and Composition in American Elementary Schools," Master's thesis, March, 1923.

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THE PHI DELTA KAPPAN

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Copy from Chapters for publication should be edited by the Chapter and sent by its corresponding secretary to the managing editor. Members in the field are invited to send communications direct to the managing editor.

The Phi Delta Kappan

With this issue THE PHI DELTA KAPPAN becomes a bi-monthly journal, and will be forthcoming on or about the 10th of August, October, December, February, April and June. Copy should be in the National Secretary's hands not later than the 20th of the preceding month.

The reader will also note a change in typography. Speaking in technical terms these changes are as follows:

Size of type, changed from 8 point Modern to 10 point Old Style.

Length of line, changed from 14 to 16 ems pica.

Number of solid lines per column, changed from 65 to 57.

Size of type page, exclusive of running head, changed from 4⅞x7⅜ inches to 5½x 8 inches. This makes each column 2⅝ inches wide.

Thus, with these changes there will be a reduction from 5,264 characters to 4,788 characters per page, normally, or a reduction of about 9% in quantity of subject matter.

On the other hand, the artistic appearance of the page is improved, the print is easier to read, and THE PHI DELTA KAPPAN, typographically, now conforms 100% to the standards set by the Committee on Standards for Educational Journals of the Educational Press Association of America. Besides, these changes meet a quite definitely expressed demand on the part of our membership as indicated in the recent referendum as to general policy and features of the national magazine. A considerable number of the members suggested that a larger type be used.

Since THE PHI DELTA KAPPAN will hereafter be issued at regular intervals, you should be able to determine promptly whether you are receiving all numbers of the national magazine.

Please keep your local active chapter and the National Secretary informed as to your correct address, and notify the latter if you are not receiving your PHI DELTA KAPPAN.

Omitted

The composition has been done on the following contributions, but because of lack of space they will have to be reserved for the October number:

Phi Delta Kappa's Light—an editorial; War Service Records (received since the June number); Tau Chapter Research Bureau; Oakland N. E. A. Luncheon, and Chapter News Letters Received.

Zeta Chapter

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Blauch, Lloyd E. "Federal Co-operation in Vocational Education," Doctor's thesis, March, 1923.

Edwards, Newton I. "Constitutional Basis of Public School Administration," Doctor's thesis, March, 1923.

Holzinger, Karl John. "The Indexing of a Mental Characteristic," Doctor's thesis, September, 1922.

McClusky, Frederick Dean. "An Experimental Comparison of Different Methods of Visual Instruction," Doctor's thesis, September, 1922.

West, Paul Vining. "An Experimental Investigation of the Characteristics of Handwriting Movements, with Special Reference to the Duration and Speed of Such Movements," Doctor's thesis, December, 1922.

Willett, George Walter. "Indebtedness

for Public Elementary and High Schools in the State of Illinois," Doctor's thesis, June, 1923.

Additional Investigations Completed

Andrews, William H. "Finances of Kansas Rural High Schools," an address delivered before the State Agricultural College.

Atkinson, Harry G. "Compulsory School Laws and Conditions Attending Its Enforcement in Mississippi," given at the Mississippi State Teachers' Association, 1922.

Ayers, Fred C. "The Present State of Promotion Plans in City Schools."

"The Organization of the Seattle Public School System."

"The Curriculum (a) Making and (b) Time Distribution of Elementary Subjects."

"Organization of the Upper Elementary School Grades."

"Evolution of Seattle System of Instruction in Handwriting."

Barr, Arvil S. "Analysis of the Duties and Functions of Instructing Supervisors."

"Standardization of Barr's Diagnostic Tests in American History."

Baer, Joseph A. "Bulletin on the October Series of Standard Tests."

Bovee, Arthur G. "French Tests Validated."

Cope, A. B. "A Study of the Entering Freshman."

Coxe, Warren W. "Buckingham-Coxe Spelling Test in Three Forms, for Grades 7-12."

Gentry, C. B. "Teaching Vocational Agriculture in the High School Through Use of the Farm Survey," completed, Master's thesis, Cornell Library, Cornell University and New York Vocational Agriculture news letter, 1920.

"Influence of Life Career Upon School Work of High School Boys," not published.

"Status of Agriculture Work in High Schools of Southwest Missouri," not published.

"A Study of the Curricula of the Connecticut Agricultural Colleges," under investigation.

Griffin, Arleigh C. "Los Angeles Curriculum Investigation Involving a Complete Reorganization of the Secondary School Curriculum."

Hanna, Joseph V. "Relative Study of College Freshmen Groups."

Harbeson, John W. "English in the Junior High Schools of California."

"The Prevention of Delinquency and Dependency Through School Organization."

Horton, Leo W. "School Progress and Promotion."

"Junior High School Program of the 6-3-3 Plan."

"Use of Phrase Cards and Phonetics in Teaching Reading."

"Vocational Guidance Organizations."

"Courses of Study in Geography in Grades 1-6."

Jones, Frank A. "Preparation of Teachers in Ontario and the United States."

Jordan, A. M. "Test Validation."

Kingsbury, Forrest A. "Scale for Grading Jobs in Bank or Office."

Lamport, Harold B. "Occupational Study of Chain Groceries in Detroit."

Leamer, Emery W. "Diagnostic Practice Sentences in Handwriting."

"Educational Survey of a County."

Laughlin, Butler. "An Investigation of the Mathematical Abilities of High School Pupils," Master's thesis, Indiana University Library.

Manuel, H. T. "An Experiment in Teaching Handwriting to Beginners."

Morgan, W. P. "Degrees Given by Teacher Training Institutions in the United States with Reasons."

"Quality and Mental Ability of Normal School and College Students as Compared with Students from Colleges and Universities."

Munroe, John. "The Trade Center School," completed, Master's thesis.

Poulson, M. W. "Survey of the Conditions and Needs of the Secondary School Libraries," completed, Master's thesis, Utah University.

Reeder, Ward G. "The Reading Proclivities of the Various States."

"The Two Thousand Spelling Demons for High School."

"The Chief School Official in the United States."

Skinner, Charles. "The Curriculum Evaluation in thePennsylvania Normal Schools."

"An Experiment in Visual Education."

"The Problem of Visual Education," completed, Doctor's thesis, New York University.

Smith, Frederick E. "Economy in Education."

Terry, Paul W. "Blind Spots in the High School Curriculum."

"Is the High School Developing a Citizenship Adequately Informed of Japanese-American Relations?"

"Emotional Attitude of Junior High School Seniors toward the Japanese."

"Space Purposes in Junior High School Buildings."

"Present Legal Provisions for the Junior High School."

"Specific Values of Special Interest in the High School Club."

"Administration of Activities in the High School."

"Administration of Activities in the Junior High School."

"Attitude of High School Teachers Toward Activities."

"A Junior High School Building Program for Everett."

Wagner, Ralph E. "Tendencies in the Development of State Supported Teacher-Training Schools."

Walters, Everett L. "A Study of Failures in Twenty-five High Schools in Wisconsin."

West, Paul V. "Experimental Studies of Penmanship."

"The Effect of Weighting of Items of Tests on the Correlation of the Tests."

"Questionnaire Investigation of Present Practices and Problems in Penmanship Instruction."

"Agreement of Various Group and Individual Mental Tests."

"A Test of Quickness and Accuracy of Perception."

"Investigation of Pupils' Ability to Recall Passages Read Aloud to Them."

"Experimental Study of Pupil Diagnosis and Grouping in Penmanship Classes in Kansas City, Kansas School."

"The Feasibility of Training Children in Methods of Reasoning."

"The Construction of Standard Tests of Agriculture Information."

Additional Investigations Under Way

Anderson, Logan. "Growth of the Educational Program of a Trade Union."

Andrews, William H. "A History of Educational Legislation and Administration," Doctor's thesis.

Baer, Joseph A. "A Study of Attendance Over a Period of Five Years."

"A Series of Correlations on Mental Age and Progress as Shown by Standard Tests."

Barr, Arvil S. "An Analysis of the Work of the Principal as a Supervisor of Instruction."

Beauchamp, Wilbur L. "Pupils' Progress in Science I."

"Correlation between I. Q. Mental Age and Progress in Science I."

Blauch, Lloyd E. "Methods of Granting Charters to Degree Conferring Institutions."

"Opportunities for Foreign Students to Study Agriculture in American Colleges."

Blue, Harold G. "The Relation of the Secondary and the Elementary Training Schools to Other Departments of Teacher Training Institutions."

Boggs, Judge. "A Sharing in the Building of a Geography Test."

Bossing, Nelson L. "The History of Educational Legislation in Ohio from 1851 to 1900," Doctor's thesis, under investigation.

Bovee, Arthur G. "Phonetic Test of Oral Facility and Pronunciation to Make Correlation with Reading Ability."

Breed, Frederick S. "Determination of the Elementary School Spelling Vocabulary."

Briggs, Claude P. "A Program for Secondary School Principals."

Brownell, W. A. "Enforcement of School Attendance in Pennsylvania," Master's thesis.

Bumann, Siegel R. "Efficiency of High Schools of Wyoming as Shown by Graduates Attending the University of Wyoming."

Cade, George N. "To Determine whether or Not There Is Any Correlation between Ability to Reason as Shown by the Stone's Reasoning Test and the Ability To Do Algebra as Shown by the Grades on this Subject."

Carter, Thomas M. "Radiographic Study of the Bones of the Wrist as a Means of Determining Anatomical Age."

Cavan, Jordan. "The Superior Student."

Cavins, Lorimer V. "Intelligence Score and School Grades of College Freshmen."

Clarke, William F. "Fundamental Relations of Democracy to Education."

Cope, A. B. "A Study of One Hundred Slow Pupils Entering Central High School."

Coxe, Warren M. "The Influence of Latin on the Spelling of English Words."

Edwards, I. Newton. "The Legal Basis of Public School Administration."

Evans, Glen A. "A study of the Place Element in Social Science Textbooks for the Senior High School," Master's thesis.

Eversull, Frank L. "First Book in Religious Education."

Finley, Charles W. "Professional Courses in Biology."

Finley, Thomas H. "A Study of the Relation of Standard Reading and Mental Tests and Freshmen Work in the High School."

Fitzhugh, Lee C. "Educational Legislation in Virginia from 1860-1923," Doctor's thesis.

Frye, E. K. "An Analysis of the Content of Community Civic Textbooks," Master's thesis.

Gentry, C. B. "A Survey of the Student Body to Determine Their Ideas of the Extent to Which Our Beginning Courses Should be Changed."

Gilliland, A. R. "A Study of the Relative Importance of Certain Factors in the Vocalization of Sound," Doctor's thesis.

Gray, William Scott. "Four Sets of Standard Check Tests in Oral Reading."

Greene, P. C. "Feasibility of Consolidating the Schools of Elamore Township, Allen County, Kansas," Master's thesis.

Gregg, Fred M. "The Project-Problem Teaching of Hygiene."

Griffin, Arleigh C. "Place of Latin in Secondary Curriculum."

"Technique of Ability Grouping."

"Social Studies Curriculum."

"Curriculum for the Border Pupils."

"The Science Curriculum."

"Curriculum Materials in Mathematics, English, History, etc."

"Articulation of Junior and Senior High School."

"Junior High School Survey."

Guthrie, Emmert R. "Educational Survey of the Erie County Schools, Erie, Ohio."

Harbeson, John W. "Organization and Curricula of Part-Time Schools."

"A Study of Pre-Delinquents in the Pasadena City Schools."

"Health Measures in the Pasadena City Schools."

Hartwell, Shattuck O. "Building Survey and a Building Program."

Hinton, Eugene M. "Analysis of the Status of One Hundred Representative High School Principals of the Middle West," Master's thesis.

Hoyt, Guy M. "Corporation Training."

Johnson, Roy. "Curriculum Studies in English Expression," Doctor's thesis.

Jordan, A. M. "The Gain from Two, Three or Four Intelligence Tests Over One."

Judd, Charles H. "Organization of Social Studies for Schools."

"Reconstruction of School System in Respect to Administrative Units."

Kjerstad, Conrad L. "Incidental Studies in Measuring Intelligence."

Kingsbury, Forrest A. "Rating Scale for Bank Employees, and Program for the Training of Raters."

Kimmel, W. G. "Testing Pupil Progress in Community Life Courses," Master's thesis.

Lake, Carl H. "An Intensive Study of Student Failure in a Chicago High School."

Lapham, P. C. "The Effect of the Use of Tests on Classroom Teaching."

Laughlin, Butler. "Methods of Teaching Subtraction."

Lehman, Eugene S. "The Comparative Success of Rural School Graduates in the First Year of High School," Master's thesis.

Mangun, Vernon L. "A Study of Results of Knight-Franzen Professional Tests as Compared with Results from Tests of Students Taking Only Academic Work."

Manuel, H. T. "An Experiment in Teaching Handwriting to Beginners."

Martin, W. W. "Correlating Rankings as Determined by Mental Tests with College Marks Given by Instructors."

Marquart, E. C. "Supreme Court Decisions Regarding Education in Wisconsin," Master's thesis.

Masters, Joseph G. "Junior Honor Society."

"State Wide Scholarship Contest for Nebraska."

Miller, Harry L. "The Self Directed High School."

Mohn, Arthur W. "The Junior College in the South."

Montgomery, E. C. "An Undistributed Swamp Area, a Survey of DeKalb County."

Munroe, John. "The Constancy of the I. Q.," Doctor's thesis.

McClusky, Howard Y. "Study Relation of I. Q. to Character Traits and Extra-Curricular Activities."

McCune, W. W. "A Study of the Approved Four-Year High Schools in Mississippi," Master's thesis.

McMillan, H. C. "A Study of Private Music Teachers in Kansas."

Nixon, O. F. "Student Failure in High School."

"Intelligence of Mental Testing."

Parke, K. N. "The Effect of Rhythm on the Rate of Oral Reading," Master's thesis.

Perkins, Madison L. "Elements in Personality."

"Laws of Educational Progress."

Phillips, C. A. "Manuscript for Educational Sociology."

"Problems in Social Civics."

Platt,, Luther T. "Scholastic Record of High School Students Trained in Practice Teaching Classes Compared with Similar Records of Students Taught with Regular High School Teachers."

Poulson, M. W. "Some Sensory Aspects of the Reading Process."

Reeder, Ward G. "Studies in School Finance."

"Studies in High School Spelling."

"Studies on Mental Tests."

Reeves, F. W. "A Study of the Unit of Public School Finance in the State of Illinois," Doctor's thesis.

Russell, C. P. "Economic and Fiscal Conditions of Universal Elementary Education in the Kingdom of Egypt," Doctor's thesis.

Rugg, Earl M. "The Social Science Curriculum—An Analysis and Evaluation," Doctor's thesis.

Senour, Alfred C. "The Usual Textbook Versus a Re-organized Plan of Instruction in Elementary Languages."

"Diversified Course of Study Adapted to the Different Levels of Ability in a Multiple-Track School Organization."

Schultz, Frederick. "Classification of First Grade Children," Master's thesis.

Skinner, Edward. "Fakers in Psychology."

Smith, James H. "Difficulties in Problem Solving in Arithmetic," Doctor's thesis.

Smith, Frederick E. "The Distribution of Powers in College Administration," Doctor's thesis.

Smith, Wilbur. "Survey of the Administration and Supervision of Vocational Education in the United States."

Smith, William A. "Concerning Certain Phases of the Junior High School Situation."

Strickler, Robert E. "A Study of Current School Expenditures in Four Illinois Cities," Master's thesis.

Taylor, L. O. "Personal Writing Vocabulary as Compiled from a Group of Four Hundred Personal Letters Written During 1922."

Uhl, Willis L. "A Study of High School Pupils Expenditures of Time."

Wager, Ralph E. "Bond Issues in Georgia."

"School Finances in Towns of Three Thousand or Less."

"Social and Intelligent Composition of High School Populations in Atlanta and Other Georgia Cities."

Walters, Everett L. " 'Marks' to show present lack of agreement upon which teachers base marks."

Young, J. R. "Psychology of War."

Zook, Dott E. "Composition in Junior High Schools."

Eta Chapter

University of Minnesota
Minneapolis, Minnesota

Anderson, Don S. "The Effectiveness of Vocational Agricultural Instruction in Minnesota High Schools," under investigation, Master's thesis, College of Education, University of Minnesota.

Armstrong, F. E. "Farm Repair and Construction Work in Minnesota," completed, Master's thesis, College of Education Library, University of Minnesota.

"Farm Repair and Construction Work in Idaho," under investigation, preparation of course of study in farm shop for Idaho

"Status of Visual Education in Idaho," under investigation.

Bolstad, S. C. "Public School Finance in Texas," under investigation, Master's thesis, University of Minnesota.

"Survey (achievement) of Upper Grades," under investigation.

Cederstrom, J. A. "Compulsory Educa-

tion in Minnesota," under investigation, Doctor's thesis.

"Teacher Certification in Minnesota 1849-1922," completed.

Christensen, Arnold M. "Characteristics of Rapid Progress Pupils," completed, Master's thesis, Library, University of Minnesota.

Culbert, E. C. "A Study of State School Taxes as Sources of State School Support," completed, Master's thesis, Library, University of Minnesota.

"Arlington School Survey (1921)," completed, Library, University of Minnesota, Bulletin General Extension Division.

Dickinson, Sherman. "Training in Service for Teachers of Agriculture," completed, Division of Agricultural Education, University of Minnesota.

"Course of Study in Dairy Husbandry," under investigation, Doctor's thesis.

Dvorak, August. "A Study of Achievement and Subject Matter in General Science," completed, Doctor's thesis, Graduate Office, University of Minnesota.

"The Junior High School," completed, School and Society, August 5, 1922.

"Recognition of Individual Differences in the Junior High School," completed, School Review, November, 1922.

"Committment as Delinquent," completed, Journal of Criminal Law and Criminology, August, 1922.

"The Relation of I. Q. to the Prognosis of Special Class Pupils," completed, publication pending.

Field, A. M. "The Farm Survey as a Basis for Selecting Subject Matter in Agriculture," under investigation.

"Evening School Work in Agriculture in Minnesota," under investigation.

"Achievement Test in Agriculture (Field Corps)," under investigation.

Goldthorpe, J. Harold. "Public School Finance in Tennessee," under investigation, Master's thesis.

Hetland, Torger. "Comparative Study of Local Taxation for School Purposes," completed, Master's thesis, not yet published.

Hunt, Heber U. "A Study of Elimination from Certain High Schools of Minnesota," completed, Master's thesis, University of Minnesota Library.

Johnson, O. J. "Investigating Traits and Abilities of Bright Pupils and Their Training," under investigation, part of program of Division of Research.

"Classification of Pupils According to Ability," under investigation, part of program of Division of Research

"Teachers' Judgments of Qualities of Gifted Pupils," completed, School and Society, April 28, 1923.

Lathrop, F. W. "Principles Underlying the Distribution of State Aid to Vocational Education in Agriculture," completed, Doctor's thesis, Federal Board of Vocational Education, Washington, D. C.

"Analysis of Oat Growing. Based on Experience of Forty-one Oat Growers," under investigation.

MacLean, R. B. "Curriculum for Elementary Schools of Minnesota," completed, State Department of Education, State Capitol, St. Paul, Minnesota.

Matthews, G. C. "Function of Thyroid Gland in Problem Solving Learning in the Albino Rat," under investigation, Master's thesis.

Mayo, R. J. "Relation of School Problem to Social Problem," completed, Master's thesis.

"The Social Problems of Peaceful Valley," completed, Presentation at State Conference of Social Work, State Board of Control Proceedings of State Conference, Hibbing, 1921, and Proceedings of State Conference, Glenwood, 1922.

"Study of Certain Methods of Stimulating Interest in School Work," under investigation.

Moon, Seymour E. "Comparison of Congo Scores in Standard Tests with Lyndale Pupils Minneapolis," under investigation, Master's thesis.

"Bible Information Scale," under investigation.

"Mission Education Policy," completed, Baptist Mission Press, Bolobo, Congo Belge, Africa, in Report of Conference, November, 1921.

Nylin, Victor E. "Problems in Supervision of Practice Teaching," under investigation.

Peterson, George M. "Cost of Handling Potatoes in Local Markets," under investigation, Master's thesis.

Powers, S. R. "Diagnostic Study of Subject Matter of High School Chemistry and the Construction of Scales for Measuring

Achievement in Chemistry," completed, Doctor's thesis.

"A Comparison of the Achievement of High School and University Students in Chemistry," completed, Journal of Educational Research, November, 1922.

Price, Richard R. "The Financial Support of the University of Michigan," completed, published by Harvard University Press, Doctor's thesis, University of Minnesota Library, Harvard University Library.

"The Financial Support of State Universities," completed, Doctor's thesis, Library of Graduate School of Education, Harvard University.

Schmeeckle, F. J. "Agriculture in the Seventh and Eighth Grades," under investigation, Master's thesis.

Schoettler, Arthur E. "Economic Value of a High School Education," under investigation.

Scott, Robert E. "Building Survey," completed.

"Improvement in Silent Reading," under investigation, Master's thesis.

Selke, Arthur Carl. "Minimum Essentials in Geography as Determined by Examination of Periodical Literature," under investigation, Master's thesis.

"Maps in Periodicals," under investigation.

Selke, George A. "Age Grade Table for Rural Schools of Thirty Minnesota Counties," completed, State Department of Education, St. Paul, Minnesota.

"Handwriting in Rural Schools of Three Minnesota Counties," completed, State Department of Education, St. Paul, Minnesota.

Smith, Homer J. "Industrial Education in Minnesota Public Schools," under investigation.

"Industrial and Vocaional Teacher Training: Series 1, A Study of Standards of Teaching Fitness; 2, A Questionnaire Study on Fitness for Four Type Positions; 3, Are Present Curricula Well Designed?" Industrial Arts Magazine, September, 1922, October, 1922; November, 1922, 333-336, 389-392, 417-421.

"Classified Reference Lists on Related Subjects for Trade and Industrial Education: Series 1, Related Science; 2, Related Mathematics; 3, Related Drawing," Vocational Educational Magazine, October and November, 1922, and January, 1923, 165-6, 223-4, and 400-401.

"Special Preparation for Junior High School Service," Educational Administration and Supervision, 8:513-518, December, 1922.

"English for Boys and Men (Text)," Ginn and Company, 1923.

Stockwell, L. E. "Content of Industrial Courses for Boys in the Junior High School of the United States and the Past Training of the Teachers in Charge of These Courses," completed, Master's thesis.

Swift, Fletcher Harper. "Public School Finance in Massachusetts," under investigation.

"Public School Finance in Minnesota," completed, Library, University of Minnesota.

"Public School Finance in Alabama," under investigation.

Tohill, Louis A. "Life of Colonel Robert Dickson," under investigation, Doctor's thesis.

Van Wagenen, M. J. "Three Series of Educational Scales: Reading—General History, General Science, English Literature; American History (revised information and thought scales); Geography (information and thought scales), (with C. J. Posey), completed, American History Scales, Teachers College Bureau of Publications, New York; Reading and Geography Scales," Public School Publishing Company, Bloomington, Illinois.

"A Method of Using Educational Scales in Conjunction with Mental Tests to Show Achievement Quotients and the Extent to Which Pupils Approximate or Exceed Average Work for Their Mental Age and Grade," completed.

"Surveys of the Upper Elementary Grades in Several School Systems with Educational Scales Used in Conjunction with Mental Tests," under investigation.

Varner, G. F. "Teachers' Estimates of Pupils' Intelligence," completed, Master's thesis, partly completed in Journal of Educational Research, September, 1922.

"Treatment of Individual Differences in High School Pupils," under investigation.

Whiteside, A. E. "Agricultural Education," under investigation, Master's thesis.

"Rural Economics," under investigation.

Whitney, Frederick L. "The Equipment of State Normal School Critic Teachers,"

completed, Educational Administration and Supervision, November, 1922.

"Activity and Analysis of the Work of the General Supervisor," completed, American School Board Journal, December, 1922.

"Intelligence Levels and School Achievement of the White and the Colored Races in the United States," completed, Pedagogical Seminary, March, 1923.

"Intelligence Levels Among State Normal School Graduates," completed, Doctor's thesis, Journal of Educational Research, March, 1923.

"The Analysis of Teaching Functions," completed, Doctor's thesis, Journal of Educational Research, April, 1923.

"The Prediction of Teaching Success," completed, Doctor's thesis, Journal of Educational Research, May, 1923.

"Application of the Analysis and Prognosis of Teaching Functions to Problems of Teacher Training," completed, Doctor's thesis, Journal of Educational Research, June, 1923.

"The Determination of Objectives for Teacher Training," completed, Doctor's thesis, Administration and Supervision, May, 1923.

"The Analysis of Teaching Functions and the Prediction of Teaching Success Applied to Problems of Teacher Training," completed, Doctor's thesis (a monograph in the Journal of Educational Research series to be issued during the summer).

"A Survey of the Rustad Consolidated School: A Study of a Typical School System in the Red River Valley, Minnesota," completed, to be published as a bulletin of the State Teachers College, Moorhead.

Young, Ross N. "The Reliability of Teachers' Judgments," under investigation, Master's thesis.

Theta Chapter

Cornell University
Ithaca, New York

Bayne, Thomas L. Jr. "A Study of the Reliability of the New York State Regents' Academic Examinations as a Measure of Achievement," completed, Master's thesis, Cornell University Library.

Cox, Rex W. "A Study of the Objectives and Appropriate Organization of Agricultural Teaching in the Normal School of Kentucky," under investigation, Master's thesis.

Dodd, D. R. "Correspondence Teaching by the Problematic Method," under investigation, Doctor's thesis.

Griffin, Frederick L. "The Principles and Methods of the Agricultural Extension Movement, Including Farm Bureau Organization and Work," under investigation.

Hathcock, James S. "A Study of Agriculture in the Piedmont Section of North Carolina through the Data of Five United States Censuses, and Its Implications for the Teacher of Vocational Agriculture," completed, Master's thesis, Cornell University Library.

Jones, Fred L. "Henry Chettle (1562-1606)," under investigation, Doctor's thesis.

Storer, James. "Origin and Distribution of Tungsten Ores," completed, Master's thesis, Cornell University Library.

Wood, Karl D. "Better Examinations," completed, advanced degree, Sibley Journal of Engineering, May, 1923.

Wright, William K. "A Student's Philosophy of Religion," Macmillan, 1922.

Iota Chapter

Harvard University
Cambridge, Massachusetts

Adams, W. C. T. "Legends in Verse," published.

"Education in Action—Modern Educational Problems," ready for publication.

Allen, Frederick J. "A Textbook on Occupations (title to be decided later)," under investigation, for use in public schools, publication not announced.

Bell, James A. "A Survey of the Y. M. C. A. Collegiate Work of the United States and Canada," under investigation, copies of preliminary survey in leading associations.

Benner, Thomas Eliot. "The Massachusetts Superintendency Union as a Supervisory Unit," under investigation, Doctor's thesis."

"Education and Experience of the New England Superintendent of Schools," under investigation, for New England Superintendents' Association.

Birkhead, E. F. "The Dalton Laboratory Plan," completed, Graduate Research Files, office of Professor Inglis, Lawrence Hall, Harvard University.

Bliss, Charles King. "Moral and Religious Education in the United States," completed, graduate research.

"Intelligence Tests and Entrance to College," completed, graduate research.

Brewer, John M. "Revised edition of Gowin and Wheatley's 'Occupations,'" completed, to be published by Ginn and Company.

Carl, George. "A Study of High School Failures," under investigation, Doctor's thesis.

Carmichael, Leonard. "Mirror-Writing and Its Cause," preliminary report completed.

Collier, Edward R. "Occupational Cooperation and Its Demands Upon the School," under investigation, graduate research work.

Coryell, Hubert V. "A List of Books Recommended by Schools, by Pupils, and by Both," under investigation, preliminary list completed, to assist in guidance of reading, Private School Association of Boston, about November 1.

Cummings, L. O. "A Building Program for the Town of Harvard, Massachusetts," under investigation, at request of school committee, copy to be in Education Library, Harvard University.

Elwell, Alcott Farrar. "Character Test for Summer Camp," under investigation.

"The Educational Opportunities of the Summer Camp," under investigation.

Research as director of summer camp, to be published later.

Flinner, Ira A. "Rating Students on the Basis of Native Intelligence and Accomplishment," completed, Educational Administration and Supervision, February, 1923.

Gabler, Earl B. "Geography Vocabulary Study," completed, Journal of Geography, March, 1923.

Gruver, Harvey S. Directing investigation, "Education and Experience of New England Superintendents of Schools, High School Principals, and Elementary School Principals," under investigation, for New England Association of School Superintendents, to be reported at November meeting.

Herring, John C. "The Development of the Teaching of English Grammar, with Especial Emphasis on Such Development in Massachusetts," completed, will be published later.

Hobbs, Charles W. "Significance of Adult Education in Massachusetts," nearly completed, author engaged in adult education 9th annual report (1923) of the Massachusetts Division of University Extension.

Holmes, Henry W. "Survey of the Lawrenceville School, Lawrenceville, New Jersey, completed, at the request of Board of Trustees, not to be published.

Hull, Harry Colville. "Scholarship Graph," completed, for professional supervision, Superintendent's office, Rockland, Maine.

Hunter, Hiram T. "State Policies in Secondary Education, as Revealed by State Department Publications," under investigation, for Doctor's thesis.

Jones, Burr F. "Extent of the Parent-Teacher Association Movement in Massachusetts," completed, summary probably in next annual report of Massachusetts Department of Education.

Kepner, Paul Tyler. "A Survey of History Tests," completed, Journal of Educational Research, April 1923.

"Background Test in Social Science," completed.

"Group Study of 91 College Preparatory Freshmen in the Taunton High School," unpublished.

Knight, Frederic B. "The Acquaintance Factor in Personal Judgment," completed, Journal of Educational Psychology, March, 1923.

"Transfer of Learning in a Narrow Mental Function," to be published next fall.

"The Judgment of Character by External Signs," to be published next fall.

Lancaster, Charles F. "Religious Education Under the Church of England in Canada, with Special Application to the Sunday School," completed, Doctor's thesis, Harvard College Library, Lawrence Hall.

Latshaw, Harry F. "Growth, Physical

and Mental," under investigation, graduate research.

Lincoln, E. A. "Sex Differences in Intelligence," under investigation, to assemble data of Psycho-Educational Clinic.

"Performance Tests of Intelligence," completed, to standardize directions for giving Harvard performance tests, and to formulate norms, probably will be published as Harvard monographs.

Lowe, Frank Melville. "Pastorate Among the 'Disciples of Christ': Study in Vocational Guidance," completed, Doctor's thesis, published later.

Macdonald, N. C. "Rural School Administration," completed, published by Houghton Mifflin Company, Boston, Massachusetts.

McCorkle, Charles E. "Scientific Classification of Junior High School Pupils," under investigation, to get better results.

Murphy, William M. "Some Common Law Principles in Secondary Education," completed, Doctor's thesis, Library of the Graduate School of Education, Harvard.

Prario, Henry T. "Physical Anthropology: Study of Races in Quincy, Massachusetts, Elementary Schools, in Conduct, Health, Scholarship," completed, results being tabulated, graduate research work.

Prescott, Daniel A. "The Determination of Anatomical Age in School Children and Its Relation to Mental Development," Doctor's thesis, Psycho-Educational Clinic, Harvard.

Price, Richard Rees. "The Financial Support of the University of Michigan," completed, part of Doctor's thesis, Harvard Bulletins in Education, No. 8, January, 1923.

"The Financial Support of State Universities," completed, Doctor's thesis, Library of the Graduate School of Education.

Robinson, L. C. "Extent of the Use of the State Courses of Study in English in Montana, Idaho, Oregon, and Washington High Schools," under investigation, April, 1924, for Inland Empire Council of Teachers of English, for copy, address Secretary of Council, Lewis and Clark High School, Spokane, Washington.

Shepard, Oscar F. "Salary Schedules, Privtae School Association of Boston," completed, request of the Association.

Sleeper, James T. "Relative Accomplishment of Boys and Girls, High School Freshmen, in General Music Course," under investigation, to promote selection of suitable material.

Small, Charles R. "Citizenship Training; Aims," completed, "Methods," under investigation, Doctor's thesis.

Stradley, Bland L. "Limitation of Freshman Medical Students," completed, to raise standards of scholarship, pamphlet published by Ohio State University, Columbus, Ohio, April, 1923.

Thompson, Leighton S. "Failures in the Quindeped Club," completed, work in seminary course, office of Professor Inglis, Graduate School of Education.

Wallace, B. Holmes. "The Nature of Education and the Educational Ideal, with Particular Reference to Education in Prussia and America," completed, Master's degree.

Waples, Douglas. "Manual for High School Teachers in Training," textbook in preparation.

Watkins, Thomas Webb. Has been studying working out of plans outlined last year for "A Special Class of Boys of an Intelligence Quotient of 120 and Over, Beginning a Four-Year College Preparatory Course," nothing published.

West, Roscoe Lambers. "A Nationality and Age Grade Survey of the Schools of Trenton, New Jersey," completed, Master's thesis, Library of the Graduate School of Education, Harvard.

Wiley, Edgar J. Organizing the Liberal Arts College for Vocational Guidalnce," completed, to be applied in Middlebury College, Middlebury College Bulletin, Vol. XVII, No. 6 (Extracts in Bulletin of National Vocational Guidance Association, Vol. I, No. 9).

Kappa Chapter

University of Kansas
Lawrence, Kansas

Bayles, E. E. "School Support in City and Rural Districts of Kansas," completed, Master's thesis.

Barnes, J. R. "School Results of White and Negro Pupils in Junior High School," under investigation, Master's thesis.

Bermejo, F. V. "The School Attendance Service in American Cities," completed, Doctor's thesis.

Brown, R. E. "Some Scholastic and Financial Features of Student Activities in the High School," completed, Master's thesis.

Dreier, A. A. "Study of Success in English of High School Students," under investigation, Master's thesis.

Englehardt, J. L. "Physical and Mental Test Results Correlated," completed, Master's thesis.

Fowler, W. C. "The Reading Ability of First Year High School Students," under investigation, Master's thesis.

Glad, A. W. "Relation of Rural School Attendance to School Achievement in Kansas," under investigation, Master's thesis.

Ritter, B. T. "Relation Between Reading and Reasoning Ability," completed, Master's thesis.

Schupbach, N. E. "Supervision as Accomplished by the County Superintendent of Schools," under investigation, Master's thesis.

Struble, G. G. "Analysis of Specific Reading Difficulties of High School Pupils," under investigation, Master's thesis.

Swanson, A. M. "Participation in Extra-Curricular Activity and Scholarship in the High School," completed, Master's thesis.

Watson, C. H. "A Critical Study of the Status of Physics in The High School, with Reference to Content of Course, Method of Treatment and Teaching Personnel," completed, Master's thesis.

Lambda Chapter

University of California
Berkeley, California

Hart, F. W., and Peterson, L. H. "A Building Program for the Paso Robles Union High School."

"A Survey and Building Program for the Analy Union High School District."

"Research Bulletin for San Rafael."

Kerans, Kenneth M. "A Comparative Study of the Report Cards and Report Forms Used in California Union High Schools" (with recommendations leading toward standardization of such forms).

Lindquist, Rudolph D. "Diagnostic Tests of Ability to Add Integers."

Patty, W. W. "Outline Course in Citizenship Training for Part-Time Schools" (second edition, pamphlet form), Research and Service Center for Part-Time Education, University of California."

"Reference List for Vocational and Prevocational Education" (pamphlet form).

"The Second Year of a Small Part-Time Continuation High School," Vocational Education Magazine, February, 1923, Pages 463-469.

"Prevocational Industrial Education in Berkeley" (pamphlet form).

"Industrial Education," Course of Study Monograph, 1923, Berkeley Board of Education.

"Changes in Prevocational Industrial Education," Industrial Arts Magazine, Bruce Publishing Company.

Peterson, L. H. "California Secondary Schoolhousing Needs and Available Resources."

Rector, William G. "A Study in the Prediction of High School Success."

Nu Chapter

University of Washington
Seattle, Washington

Ayer, Fred C. Reports of the Department of Research, Seattle Public Schools, 1923.

"Time Distribution of Elementary School Subjects."

"Organization of Upper Elementary Grades."

"Curriculum Making."

"School Board Organization."

Baisden, Leo B. "An Investigation of the Major Factors Which Determine the Efficiency of an Elementary School," under investigation. N. E. A. Address, 1923.

Cummins, Robert A. "An Investigation of Teaching by the Case Method," under investigation (collaborating with Dean Burris in his studies of teaching efficiency by the case method).

"A Study of Words Used in Correspondence by College Students at the University of Southern California," under investigation (collaborating with Dr. E. A. Horn, University of Iowa).

Drotning, Theodore M. "The Extent to Which High School Literature Courses Contribute Toward Creating a Desire for the Further Reading of Good Literature After the Pupil Has Graduated," under investigation, Master's thesis, University of Washington.

Gist, Arthur S., and King, William A. "The Efficiency of the Principalship from the Standpoint of the Teacher," completed, an investigation for the Seattle Principals' Association, Elementary School Journal, October, 1922.

Johnson, A. P. "Duties, Powers, Salaries and Educational Preparation of the High School Principals of Washington," completed, Master's thesis, University of Washington, Library, University of Washington, Seattle, Washington.

Marquis, William J. "An Investigation of Legislation Relating Specifically to Junior High Schools," under investigation, Master's thesis, University of Washington.

McClure, Worth. President Department of Elementary School Principals, N. E. A., 1923. (See addresses and proceedings.)

Nave, S. A. "A Community Study," under investigation, Master's thesis, University of Washington.

Philips, Daniel E. "Special Investigations in Insanity," under investigation, University of Colorado, Denver, Colorado.

Reynolds, Edgar O. "Occupational Survey of Typical Industries in Rochester," under investigation, Rochester, New York.

Roberts, Alexander C. "Studies in Scholarship Records at the University of Washington," completed, Doctor's thesis, to be published in the Social Science Series, University of Washington Library, Seattle. Abstracts may be found in Educational Administration and Supervision, School and Society, and Journal of Educational Research.

Stanton, Edgar A. "Improving the Program Making of Entering Freshmen in the Seattle High Schools," completed, reported to the Superintendent of Schools, Seattle, Washington, not yet available in printed form.

Terry, Paul W. Attitude of high school seniors on the Pacific coast toward the Japanese, information possessed concerning them, and the amount of material in the curriculum on various phases of the life of the Pacific nations. The effect of the above factors on world peace is the question raised.

Reports on the above: Terry and Gregusen, "Blind Spots in the High School Curriculum," Educational Review, June, 1923.

Terry, "Is the High School Developing a Citizenship Intelligently Informed of Japanese-American Relations?"

Terry, Paul W., and Young, Wesley. "High School Seniors and International Good Will," completed, but as ye unpublished.

Terry, Paul W. "Administration of Extra-Curricular Activities in the High Schools, Etc.," under investigation, to be published as a report of the Research Department of the Seattle Public Schools in the Fall.

Terry, Paul W. "A Junior High School Building Program for the City of Everett, Washington," will be completed and published in the Fall.

Terry, Paul W. "How Numerals Are Read," No. 18, Supplementary Educational Monographs of the School Review and Elementary School Journal, June, 1922.

"Recommendations Concerning Reports on High Schools by State Departments of Education," Educational Supervision and Administration, November, 1922.

Storey, Ralph E. "An Investigation in Measuring the Efficiency of Teachers," under investigation, Master's thesis, University of Washington.

Tidball, Lewis C. "Reorganization of One- and Two-room Rural Schools," under investigation, report to be published as a bulletin of the State Department of Education, Cheyenne, Wyoming.

Westerburg, Iwar S. "The School System of Sweden," completed, Doctor's thesis, University of Washington, Library, Seattle, Washington.

Willard, Dudley W. "Native and Acquired Ability as Measured by the Terman Group Test of Mental Abillty," School and Society, December 30, 1922.

Williams, Curtis T., and Willard, Dudley W. "A criterion of the Quality of Teaching," Educational Administration and Supervision, March, 1923.

Sigma Chapter

Ohio State University
Columbus, Ohio

Coxe, Warren W. "The Influence of Latin on the Spelling of English Words," under investigation.

Drake, Leland N. "Test Data as Used in a City Ward School of One Thousand Pupils," completed, Ohio State University.

Houser, Cloyce A. "Reorganization of a Public School," completed, Ohio State University.

Howe, Glen T. "The Taxation of Natural Resources with Special Reference to Ohio," completed, Ohio State University.

McQuain, Pearlie C. "Some Results of a Survey by Standardized Tests in Grades Three to Eight in the Pine Grove, West Virginia Schools," completed, Ohio State University.

Parker, Lester D. "Reclassification of Grades III to VII Inclusive in Cedarville Township School," completed, Ohio State University.

Pumphrey, Elgar G. "An Examination of Night Schools in Dayton, Ohio," completed, Ohio State University.

Rauch, Roxy P. "State and County Responsibility for the Education of the Problematic Child," completed, Ohio State University.

Rohleder, Wadrow C. "Bases for the Regular Apportionment of the State School Funds in the Various States," completed, Ohio State University.

Skinner, Harley Clay. "The Organization of Practice Teaching and Closely Related Theory Courses in Teacher-Training Institutions," completed, Ohio State University.

Stevenson, Dwight H. "The Intelligence of the County Normal School Pupils of Ohio—The Relationship of Intelligence to Success in These Normal Schools," completed, Ohio State University.

Stewart, Alfred W. "The Measurement and Reclassification of a School," completed, Ohio State University.

Walter, Zura Milton. "Tests as Used in the Regrouping of the Pupils in the Elementary School of Grandview Heights, Columbus, Ohio," completed, Ohio State University.

Tau Chapter

University of Pennsylvania
Philadelphia, Pennsylvania

The report from Tau Chapter is most interesting and stimulating. The first section is a summary statement prepared by Quincy A. W. Rohrbach, who also compiled the information in the sections which follow: — W. S. G.

I. *A General Survey of the Research Work Being Done and Under Consideration by Tau Chapter.*

In response to the questionnaires sent to the members of Tau Chapter of the Phi Delta Kappa Fraternity, 29 returns have been received. The men who responded are engaged as follows:

Five members of Dept. of Public Instruction, Harrisburg.

Two educational editors: Pennsylvania School Journal; Educational Department of a Publishing House.

Three superintendents of schools.

Five principals of schools.

Eight high school, normal school, and college teachers.

Four graduate students and two students in the School of Education.

The 55 topics suggested for research were distributed as follows: Administration 21, Secondary Education 11, Elementary Education 3, Educational Theory 8, History of Education 2, Guidance 1, Industrial Education 4, Testing and Supervision 5.

Twelve investigations are under way for Master's and Doctor's theses. Members are pursuing 13 research projects independent of University work. In communities where members live, 5 investigations are under way by schoolmen who are not members.

Bibliographies are available for members of this Chapter in 16 phases of educational research and 4 in history. Members of this Fraternity have produced 18 pieces of educational research, including Master's and Doctor's theses.

The members in their replies suggested several constructive ideas for consideration as to the future functioning of the Chapter. Among them are the following:

(a) That our Chapter ought to become a clearing house for information bearing on research and that we should co-operate with other chapters in the exchange of available material and information to facilitate research.

(b) That we prosecute a study or series of studies as a Chapter.

(c) That Tau Chapter ought to get more publicity in THE PHI DELTA KAPPAN.

II. *Topics Suggested for Research.*

1. What are the fundamentals in skill and information for the elementary grades?
2. What are the possibilities of improving classroom instruction through supervision?
3. To what extent does our present curriculum meet the natural interests of boys and girls?
4. What becomes of the pupil after he leaves school?
5. To what extent is the present high school program of study based on formal discipline?
6. To what extent do high school teachers and administrators have specific objectives for their school work?
7. The organization and content of University courses in biology for teachers.
8. An analysis of industry to attain industrial science courses in the high school.
9. What next after intelligence tests should be given to elementary school pupils?
10. School organization in grades 3, 4, 5, for teaching silent reading.
11. What is being done to study individual differences in grades 1-6 and 7-9?
12. Provisions for exceptional children.
13. Relative values of the grammatical and direct methods in the teaching of languages.
14. Correlation between college entrance examination and intelligence test results.
15. An analysis of vocational-industrial teacher training in the United States.
16. The general shop for purposes of industrial arts education.
17. What can colleges and public schools do to improve foremanship in industry?
18. State support for teachers' salaries.
19. Methods of apportioning state aid.
20. The professional organization of teachers.
21. The scientific reorganization of courses of study.
22. Financial support of education in Pennsylvania.
23. Teacher turn-over in Pennsylvania.
24. A study of teacher supply in specific fields.
25. High school tuition costs in Pennsylvania.
26. The junior high school movement in Pennsylvania.
27. Experiments in social studies in Pennsylvania.
28. Supervised study in the grades.
29. What are the essential tools of learning to be acquired in the elementary grades?
30. What should be the limitations placed on controversial subjects, as economics, civics, for public school courses of study?
31. To what extent has the religious basis of our nation been overlooked in U. S. History for the schools?
32. Can religious and state education be correlated?
33. Should the state aid religious education by money grants?
34. The grading of test papers.
35. The grading of teachers.
36. What is a teacher's load?
37. The mathamatics course in the ninth grade.
38. The auditorium period in the Platoon School.
39. Teaching originality in geometry.
40. Student control in high schools.
41. Extra-curriculum activities in high schools.
42. Co-education in the secondary school.
43. The county unit for administrational purposes.
44. Uniform assessment boards for Pennsylvania.
45. Which is better, co-education or sex segregation in the senior high school?
46. What should be the course of study for rural schools in Pennsylvania?
47. The value of student government in the junior high school.
48. Ways and means of organization and supervision in order that well-defined aims for subjects are brought out in teaching.

49. The case method applied to discipline.
50. Who should be advised to go to high school as it is now constituted?
51. On what basis should compulsory attendance be regulated?
52. Relationship between general state government and the state department of education.
53. How much authority should the superintendent exercise over the high school?
54. The correlation between teacher's marks and intelligence tests.

III. *Researches under Way, both Required and Independent of University Courses.*

1. The place and value of English etymology and the relative effectiveness of English classroom methods.
2. Staff organization of a smaller school system.
3. History of the Lutheran Church in the United States.
4. Philadelphia experiment — enlarging English vocabulary by means of derivative study in Latin.
5. History of Education in Pennsylvania prior to 1830.
6. Why do schoolmen fail to patronize the State Teachers' Bureau?
7. What is the value of a recommendation in teacher placement?
8. The principles of efficiency as applied to the administration of the daily program in a modern high school.
9. Alpha and Beta material in the content of courses.
10. Adaptation of smaller systems to the junior high school point of view.
11. Functioning of a state department of education—a study of the staff and the work it does.
12. The fundamental principles of student activities in the secondary school.

IV. *Research Projects Carried on in the School or Vicinity of Members.*

1. Chairman of a committee of the National Council of English teachers looking into the nature and quality of supervision in English instruction.
2. The relative intelligence of continuation school pupils.
3. The efficiency of unit-trade education in Pennsylvania.
4. A study of failures, East High School, Cleveland, Ohio.
5. Scientific study of the value and place of etymology in the French classroom.
6. The development of the professional education of teachers in Pennsylvania.
7. The church in our national development.
8. A comparative study of high school faculties for six Philadelphia surburban township districts (experience, salary, training, teaching load, etc.). Analysis of school costs for selected districts in the surburban area.
9. Investigation of several occupations.
10. Student government.
11. The high school program of studies.
12. The daily program.
13. Checking up text-book efficiency.
14. Cost per pupil and cost per grade on a scientific basis.

V. *Topics upon Which Bibliographies Are Available to Those Interested.*

1. Individual differences.
2. Industrial education.
3. Industrial arts education.
4. Educational guidance.
5. Spelling.
6. Religious education.
7. Biography on the early History of Education in Pennsylvania to 1917.
8. Sources for local support for education in Pennsylvania.
9. Rural education.
10. Six lessons in elementary banking, 1922.
11. Articulating the junior and senior high school in Philadelphia, 1922.
12. Articulating the junior and senior high school in the United States, 1923.
13. Principles underlying the supervision of instruction, 1922.
14. Uses of intelligence tests in educational guidance, 1922.
15. School inspection by central authority, 1922.
16. The movement for constitutional reform in North Carolina and the convention of 1835, bibliography complete to 1922.
17. The administration of Wm. H. Taft, 1922.
18. The first constitution of Pennsylvania, its origin and history, 1922.
19. Ratification of the federal constitution by the State of New York, 1921.
20. Activities in the junior and senior high school on the part of the pupils, 1923.

VI. *Educational Papers, Articles and Books Written by Members.*

1. The relative efficiency of all-day trade courses in Pennsylvania.
2. The social studies in the junior high school.
3. Individual differences, their relation to efficient organization.
4. Vocabularly control elements applied to teaching Hawthorne's "Great Stone Face."
5. A spelling point scale.
6. A comparative analysis of school costs in suburban Philadelphia.
7. Lutheran education in Pennsylvania.
8. The lesson assignment.
9. Sources of local support for education.
10. Teachers' marks.
11. Study and supervised study.
12. Prevalent practice in State courses for rural schools.
13. Course of study for junior high school mathematics.
14. Mehods in junior high school mathematics.
15. The relationship of occupational, curricular and intelligence data of Collingswood, N. J., high school pupils with the results of intelligence testing.
16. Supervised study in the grades.
17. The status of county teachers' institutes in Pennsylvania.
18. Articles by Dr. Ross in Schoolmen's Week Proceedings.

VII. *Suggestions for the Functioning of Tau Chapters Bureau of Research.*

1. The research bureau of Tau Chapter might well serve the eastern half of Pennsylvania by making studies of school population, the nature and qualities of instruction, and comparative costs of operating the schools.

2. As a clearing house for information bearing on research.

3. The formulation of quantitative measures for the evaluation of text-books in various fields.

4. A chapter research study of the products of classroom instruction in the public schools of Pennsylvania.

5. A chapter study of the costs of education as over against the resources in Eastern Pennsylvania.

6. Set up an exchange medium between other chapters, ascertaining subjects prosecuted by them; also seek the exchange of bibliographies for facilitating research.

7. Make an effort to print better accounts of our chapter in THE PHI DELTA KAPPAN.

Upsilon Chapter

Northwestern University
Evanston, Illinois

Betts, George H. "The Curriculum of Religious Education," under investigation, text-book for college use.

Browns, Ralph E. "A Critical Investigation of Bowne's Personalism," under investigation, Doctor's thesis.

Clement, John A. "Curriculum Making in Secondary Schools," completed, text-book for college and university uses, Henry Holt and Company, New York, 1923.

Cope, Stephen C. "A Standardized Differential Scale of Children's Drawings," completed, Master's thesis, Northwestern University Library.

Dahl, Lester. "Pupil Co-operation in the Government of Secondary Schools," completed, Master's thesis, Lunt Library, Northwestern University.

Hickman, Frank S. "A Psychological Study of the Conviction Which Leads to the Choice of a Religious Vocation," completed, Doctor's thesis, Lunt Library, Northwestern University.

Jones, Elmer E. "The Psychology of Art Abilities Among Children," under investigation, text-book for colleges and universities.

Kinrade, Charles J. "A Proposed Program of Religious Education for a Typical Rural-Urban Community," completed, Master's thesis, Northwestern University Library.

Lankard, Frank G. "An Historical Study of the Curriculum of Religious Education in the United States During the National Period," under investigation, Doctor's thesis.

Lotz, P. Henry. "A Survey of Weekday Religious Education," under investigation, Doctor's thesis.

McConathy, Osborne. "A Psychological

Study of Capacities for Music Among Children," under investigation, text-book for colleges and universities.

Pulver, Leroy G. "The Relation of the Minister to the Educational Program of the Local Church," completed, Master's thesis, Lunt Library, Northwestern University.

Stout, John E. "The Organization and Administration of Religious Education," completed, text-book for colleges and universities, Abingdon Press, New York.

Webb, Louis W. "A Series of Mental Tests for Use at Northwestern University," under investigation.

Phi Chapter

University of Wisconsin
Madison, Wisconsin

Baird, G. W. "How to Issue School Bonds."

"The Procedure for Teachers' Meetings."

Clapp, F. L. "The Number Combinations. Their Relative Difficulty and the Frequency of Appearance in Textbooks."

"Sources of Difficulty in the Interpretation and Solution of Concrete Problems."

"Standard Tests as Aids in School Supervision."

"Standard School Tests."

"The Number Combinations."

Clark, J. A. "An English Test to Test the Critical Ability of High School and College Students," Master's thesis.

Cohler, Milton J. "The New Apprenticeship," Bachelor's thesis.

Dunkle, Elmer S. "The Time Element in High School."

Elsner, A. A. "Standardization of Clapp's English Test," Bachelor's thesis.

Fitzpatrick, E. A. "Studies in Educational Finance."

"The Modern University."

Fowlkes, John G. "The Accounting of Public School Expenditures in Wisconsin."

"A School Building Survey of Lake Mills, Wisconsin."

"A School Building Survey of River Falls, Wisconsin."

"Evaluating School Textbooks."

"Justifying a Bond Issue for School Purposes."

"The Retirement of School Bonds."

"Some Business Elements of Educational Administration."

Glass, LeRoy C. "Child Accounting in Fifty-seven High Schools in Wisconsin," Master's thesis.

Hansen, Abner. "The Use of Modern Foreign-Languages After Graduation" (in co-operation with the American Classical League).

Henmon, V.A. C. "Effects of Study of Latin on Progress in Learning French."

Heubner, B. P. "An Investigation of Errors Made by Elementary School Pupils in Concrete Problems in Arithmetic," Master's theesis.

Huebner, A. C. "High School Expenditures in Twenty-nine Wisconsin Cities, 1918-1922."

Hull, Clark. "Invention of an Adding Machine to Compute Pearson Coefficients Directly from Raw Scores."

Jackson, J. C. "A Comparative Study of First Grade Group Tests and Teachers' Ratings," Master's thesis.

James, J. A. "Studies in Rural Education, Polk and Iowa Counties."

"Vocational Education."

"Science Direction of Wisconsin."

McConnell, Robert. "Studies in Rural Education."

Miller, H. L. "Directing Study" (Scribners).

Nelson, Louis E. "Co-education as Viewed by Men Students in the University of Wisconsin," Bachelor's thesis.

Olander, H. T. "Reliability of Group Tests," Master's thesis.

O'Shea, V. O. "Tobacco and Mental Efficiency."

"Investitgation of Latin Instruction."

Riebe, H. A. "The Frequency of Number Combinations in Arithmetic Text," Master's thesis.

Sherman, Courtney C. "Intercorrelations of the National Intelligence Test," Bachelor's thesis.

Uhl, W. L. "The Time Element in High School."

"The Success of High School Literature as Judged by Teachers and Pupils."

"A Syllabus in the Principles of Secondary Education."

"A Syllabus in the Technique of Teaching High School."

"Collaborating in Writing a Series of Readers."

"Writing a Book on Reading and Literature."

Webster, Philip J. "Rural Education in Iowa County," Master's thesis.

Henmon, V.A. C., additional topics for: "French Word Count."

"Resemblances Between Related Individuals in General Intelligence and Scholarship."

"Comparative Study of Standardized Educational Tests in History, Algebra and Reading."

"The Constancy of Intelligence Quotients."

"Text Book in Educational Psychology."

Chi Chapter

University of Oregon
Eugene, Oregon

Benjamin, Harold. "Records and Reports in Fifty Representative High Schools," completed.

"What High School Students Believe to Be of Value in the Study of History," completed.

"The Time Element in the Use of Non-Standard History Texts," completed.

"The Effects of Practice Teaching on Students in High School English Classes," under investigation.

"Costs of Instruction in Various High School Subjects," under investigation, Master's thesis.

Christensen, P. E. "A Preliminary Survey of Our High School Supplementary Reading Material for History and Civics," completed.

Gregory, C. A. "Co-operative Testing Project," under investigation.

"Study of Retardation Among Public School Pupils of Oregon," under investigation.

Hoskin, Elbert L. "Text-book in Secondary Biology," under investigation, Master's thesis.

"When Does the Molecular Concept Begin to Be Useful to Science Students?" under investigation.

Howard, C. A. "History of High School Legislation in Oregon to 1910," completed, Master's thesis, University of Oregon Library.

McInnin, W. C. "The Changing Concept of the Teaching of History and Civics in the Elementary and High Schools During the Past Thirty Years," completed, Master's thesis, University of Oregon Library.

Sheldon, H. D. "History of the University of Oregon," under investigation.

Tavenner, R. W. "Methods of Moral Training in Oregon Schools," under investigation, will be published in the O. S. T. A. Quarterly.

Young, Kimball. "Mental Survey of Schools, Spencer, Massachusetts," under investigation.

Psi Chapter

George Peabody College for Teachers
Nashville, Tennessee

Allen, C. H. "Standardization of a Group Vocabulary Test," practically completed, Peabody College, Nashville, Tennessee.

Baker, C. A. "Brazilian Elementary Education," under investigation, Doctor's thesis, probably in Peabody Library in 1924.

Boynton, P. L. "A Score-Card for Measuring Desirable School Habits," under investigation, Master's thesis.

Broun, T. T. "Influence of Geography on Railroad Freight Rates," completed, Master's thesis, Peabody Library.

Collins, E. A. 'Survey of Township and Community High Schools of Illinois," completed, Master's thesis, Peabody Library.

Collier, C. B. "The Administration of Extension Courses in State Normal Schools," completed, Master's thesis, Peabody Library.

Falls, J. D. "Typical High School of Kentucky in Cities of 2,500 and Over," completed, Master's thesis, Peabody Library.

Foote, J. M. "A Comparative Study of

Results of Instruction in Consolidated and One-Teacher Schools in the United States," completed, Master' thesis, Peabody Library.

Garrison, S. C. "Percentile Norms for Some Educational Tests," The Virginia Teacher, Harrisonburg, Virginia.

"Southern Norms for Some Educational Tests," Peabody College, Nashville, Tennessee.

"Comparison of Otis and Terman Revision of the Binet-Simon Tests," Journal of Educational Research.

"Additional Retests by Means of the Terman Revision of the Binet-Simon Tests," Journal of Education.

"Retests by Means of Terman Revision of Binet-Simon Test," School and Society.

"Bright Children (Mental and Physical Correlations)," The Psychological Clinic.

McMurry, C. A. "The Teaching of the Industrial Arts," The Macmillan Company.

"How to Organize the Curriculum," The Macmillan Company.

"Chattanooga, Its History and Geography," The Globe Printing Company.

McMurtry, Horace. "History of Education in Tennessee Prior to 1873," completed, Master's thesis, Peabody Library.

Phelps, Shelton. "Why People in Tennessee Do Not Go to College in Greater Numbers," preliminary report to Tennessee College Association, April 13, 1923.

ReBarker, Herbert. "The Relation Between Intelligence and Achievement," completed, Master's thesis, Peabody Library.

Robertson, M. S. "Diagnosing Some Fraction Difficulties," completed, Master's thesis, Peabody Library.

Sherrod, C. C. "Grouping Pupils for Instructional Purposes," completed, term report and magazine article, not available.

Whitehead, Guy. "A Study in Supervision," under investigation, Master's thesis, not available.

Alpha-Gamma Chapter

State College of Washington
Pullman, Washington

Erickson, Dr. C. I. "A Study of the Basic Factors in the Human Voice," under investigation.

"A Study of the Psychology of Public Speaking," under investigation.

Gaiser, P. F. "An Investigation of Occupational Representation in High School," completed, Master's thesis, State College of Washington.

McClain, D. A. "An Investigation of the Use of Leisure Time by High School Boys in Washington," under investigation, Master's thesis.

Misner, F. M. "An Investigation of the Age Distribution of High School Freshmen," under investigation.

"An Investigation of the College Preparatory Function of Vocational Curriculums in High School," under investigation.

Stackhouse, J. B. "An Investigation of the Comparative Value of State Eighth-Grade Examinations, Standard Tests, and Teachers' Judgment in Predicting Success in High School," under investigation, Master's thesis.

Alpha-Epsilon Chapter

University of Southern California
Los Angeles, California

Clark, Willis W. "Scales for Grading Social Conditions," completed, Journal of Applied Sociology, University of Southern California.

"Educational Status of Los Angeles Special School Boys," completed, Los Angeles School Journal, May Number, 1923.

Cooke, John D. "Medieval Interpretation of and Attitude Toward Classical Paganism," Doctor's thesis, Stanford University.

Cummins, Robert A. Collaborating with Dean Burris of the University of Cincinnati in a "Case Study," under investigation, to be used in teacher training, May 1923, Administration and Supervision.

Gross, Harry E. "A Study of Mathematical Abilities of High School Students," under investigation, to prognosticate success of failure in pursuing mathematical subjects.

Hawley, Teauy. "The Comparative Values of Several Forms of Examination Ques-

tions," under investigation, for use in educational work.

Hooper, Herbert D. "Comparisons among Siblings in University Scholarship," under investigation, Master's thesis, University of Southern California.

Kersey, Vierling. "Study of Educational Accomplishment and Wage Classification of 4,000 Junior Workers."

"Study of 4,200 Adult Continuation Students," not available until October, 1923.

Lefever, Diwelty. "Comparison of Pupil and Teacher Ratings," University of Southern California Course in Experimental Psychology.

"Will-profile of 45 College Students," under investigation.

"Overlapping in Reading Test," under investigation.

Lehmer, Silas. "Analytical Study of Intelligence Tests," under investigation.

Oneal, Charles H. "Revision of College Courses in High School," completed, Pasadena High School Bulletin, Pasadena, California.

Peterson, Ruessell R. "Principles and Methods of the Work of Men Attendance Officers," under investigation, Master's thesis, University of Southern California.

Phillips, Edward Ashely. "Business Cycles." under investigation.

Polzin, Benjamin A. "Vocational Life and Problems," a textbook for vocational classes in the Junior and Senior High Schools, trade schools, and for general readers. Allyn and Bacon, publishers, New York.

Reeves, Claude L. "An Historical Study of Organized Labor Since 1880 with Reference to Influence on Our Political History," under investigation, Master's thesis, University of Southern California.

Sydnor, Charles E. "The Teaching of Business English in the California High Schools," completed, Master's thesis, University of Southern California.

Touton, Frank C. "Professional Helps for Teachers," under investigation, to be printed by the California State Teachers' Association.

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Moore, F. Stilwell. "Instruction Based on Individual Differences," under investigation.

Webb, L. W., and Clement, J. A., and Stout, J. E. "The Objectives of Secondary School Teaching from the Standpoint of General or Introductory Science."

Alumnus Gamma Chapter

Kansas Alumni

Kelly, F. J. "A Study of the Objectives of Liberal Arts Colleges," under investigation, Commonwealth Board.

Kent, R. A. and O'Brien, F. P., and Smith, H. P. "School Building Program, Curriculum Survey and Financial Features for Ottawa, Great Bend, Dodge City and Junction City," completed, University of Kansas.

Loomis, A. K. "Some Financial Aspects in the Administration of Kansas High Schools," completed, Journal of Rural Education, March, 1923.

O'Brien, F. P. "Development of a Teacher's Salary Schedule," completed, Bureau of School Service, University of Kansas.

"Organization and Administration of a Municipal Junior College in Kansas," Bureau of School Service, University of Kansas.

"Study of Pupil Achievements in Junior and Senior High Schools of Lawrence," completed, Bureau of School Service, University of Kansas.

Schwegler, R. A. "A Definition of the Psychopathic Child," under investigation, Doctor's thesis, Teachers College, Columbia University.

Smith, W. R. "Present Status and Immediate Future of Educational Sociology," completed, School and Society, April 21, 1923.

Alumnus Epsilon

Los Angeles Alumni
Los Angeles, California

Borncamp, Frederick F. "The Statistical Treatment of Educational Data," under investigation, Doctor's thesis, Harvard University.

Butterfield, C. U. "Visual Physical Education," under investigation.

Butterfield, Howard L. "Correlation of Physical and Scholastic Attainments," under investigation.

Cowdery, Karl M. "Measures of General Intelligence as Indices of Success in Trade Learning," Journal of Applied Psychology, VI, 311-330.

"Educational Program for Delinquent Boys," under investigation.

Darsie, Marvin L. "Mental Capacity of Japanese in California," completed, Doctor's thesis, Stanford University.

Douglas, Robert H. "Relation of Attendance, Home Environment, Scholarship."

Eby, Harvey L. "Community Analysis as a Basis for a Rural Secondary School Program of Studies," completed, Doctor's thesis, University of California.

Ewing, Wm. F. "The High School Teacher," Careers for College Men.

"The Parent-Teachers Association of Pasadena," to be published soon by the American School Board Journal.

Gray, Robert Floyd. "Use of High School Students' Leisure Time," for Committee of Fifteen of California Teachers' Association for the study of Secondary School Problems.

Griffin, Arleigh C. Twelve Courses of Study Monographs for as many departments of secondary education, published by the Department of Educational Research, Los Angeles City Schools.

Gross, Harry E. "Can the Intelligence Test Prognosticate Mathematical Ability?" Los Angeles School Journal, May, 1922.

Harbeson, John W. "The Prevention of Delinquency through School Organization," under investigation.

Hodgson, Robert W. "The Pruning of Citrus Trees in California," Bulletin 363, College of Agriculture, University of California, May, 1923.

Howard, Lowry S. "Conduct and Effects of Different Kinds of Punishments," under investigation.

Hughes, W. Hardin. "Research as Applied to Personnel Work in High School," Proceedings of California High School Association, August, 1912.

"Responsibility of the Schools in Developing the Social Attitudes," Journal of Delinquency, July, 1922.

Kersey, Vierling. "Commercial Education in Part-Time and Continuation Schools," vocational Education Magazine.

"Citizenship Education," Los Angeles School Journal, May, 1923.

"Organization of Continuation Education," University of California Bulletin.

Marten, William S. "Intelligence Tests for Use in Vocational Advisement and Adjustment," under investigation.

Price, Edwin. "Method in Developing the Sentence Sense," to be published in the Journal of Educational Research.

Reeves, Claude L. "An Historical Study of Organized Labor from 1880 to the Present Time with Reference to Its Influence on American Politics," under investigation, Master's thesis, University of Southern California.

Thompson, Merritt M. "The Teaching of English to Foreigners," completed, Master's thesis, University of Southern California.

Touton, Frank C. "Plane and Solid Geometry," with H. E. Hawkes and W. A. Luby, published by Ginn and Company.

"Business Arithmetic," with G. W. Miner and F. H. Elwell, published by Ginn and Company.

"Self Rating Card for High School Principals," School Board Journal.

"Score Card for a High School Principal's Annual Report," in press now.

Williams, J. Harold. "The Scientific Spirit and Social Work," Journal Applied Sociology, November-December, 1922.

"The Twenty-Four Hour School," Pasadena Research Bulletin, Dec. 7, 1922.

"Report of Delinquency Section," California Conference Social Work, Proceedings, December, 1922.

"Juvenile Research in California," Journal N. E. A., April, 1923.

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Epictetus

"Long ago, when Christianity was regarded as the fad of a misguided few, there lived and taught at Rome a crippled Greek slave. His name was Epictetus and he was an expounder of the Stoic philosophy. He took the abstruse principles laid down by Chrysippus and Socrates and translated them into the language of the simple man. He taught him how to apply those principles to the affairs of everyday life, to the end that his life would be more fruitful of good to his fellows and that he might truly know the great joy of right living. The great and the humble alike came from far and near and sat side by side to learn from this simple man. Marcus Aurelius Antoninus, that great and humane emperor of Rome, was one of his most devoted pupils.

"The grandeur of Rome is reduced to the ashes of empty words. Gone are the tyrants, teachers, and conquerors of that golden epoch. But Epictetus, through his teachings, still lives. The principles of thought and conduct that regulated the policies of an emperor are today available to any man who has a dollar to spend for them. They have been translated into every living language, including the Chinese. Even today they leaven the loaf of crass materialism and self-interest."

ANON.